

Converting Colors

XYZ(92.3629, 119.0911,
73.1752)

Have a look what the booklet for
XYZ(92.3629, 119.0911, 73.1752)
contains.

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Color

**XYZ(79.2576, 92.7260,
68.9789)**

Conversions

Conversions Part 1

Format	Color
Hex	E7FFC9
RGB	231, 255, 201
RGB Percent	91%, 100%, 79%
CMY	0.0941, 0.0000, 0.2118
CMYK	0.09, 0.00, 0.21, 0.00
HSL	87°, 100%, 89%
HSV	87°, 21%, 100%
XYZ	79.2576, 92.7260, 68.9789
YIQ	241.6680, 3.0300, -21.8820

Conversions

Conversions Part 2

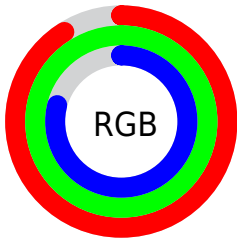
Format	Color
R_{YB}	201, 255, 225
Decimal	15204297
CIE _{Lab}	97.12, -16.95, 23.26
CIE _{LCh}	97, 28.779, 126.084
Yxy	92.7260, 0.3289, 0.3848
Android (android.graphics.Color)	4293394377 (0xFFE7FFC9)
YUV	241.6680, -20.0493, -9.3558
Hunter-Lab	96.2943, -21.5960, 24.9346

Details

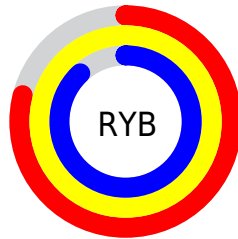
The XYZ color **79.2576, 92.7260, 68.9789** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **69.9889, 65.0021, 103.4656**, and the grayscale version is **84.2867, 88.6762, 96.5684**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.1397, 51.6087, 35.2915** is the 20% darker color. If you saturate the color by 10%, you get **72.9619, 89.7987, 54.3039**, and if you desaturate by 10%, it is **86.2893, 95.9750, 86.2904**.

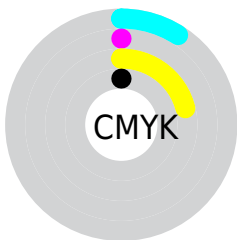
Distribution



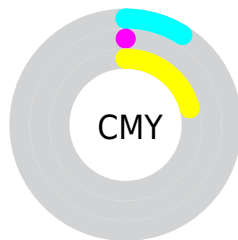
- Red (91%)
- Green (100%)
- Blue (79%)



- Red (79%)
- Yellow (100%)
- Blue (88%)



- Cyan (9%)
- Magenta (0%)
- Yellow (21%)
- Black (0%)



- Cyan (9%)
- Magenta (0%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.2576, 92.7260, 68.9789 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 79.2576, 92.7260, 68.9789 by changing the saturation by 10% instead.

79.2576, 92.7260,
68.9789

79.2576, 92.7260,
68.9789

481.2021,
536.8591, 475.6485

59.4140, 70.2438,
50.2229

131.2775,
151.1192, 119.4189

43.1941, 51.7253,
35.2181

164.1844,
187.7990, 151.9399

30.2326, 36.7862,
23.5460

202.1766,
229.9801, 189.8863

20.1642, 25.0420,
14.7881

245.6192,
278.0469, 233.6767

12.6234, 16.1083,
8.5259

294.8777,
332.3838, 283.7295

7.2449, 9.6008,
4.3407

350.3175,

3.6634, 5.1351,

393.3752, 340.4634

1.8140

412.3038,
461.4055, 404.2969

■ 1.5136, 2.3268,
0.4372

■ 0.3350, 0.7878,
0.0000

■ 79.2576, 92.7260,
68.9789

■ 79.2576, 92.7260,
68.9789

■ 72.9619, 89.7987,
54.3039

■ 86.2893, 95.9750,
86.2904

■ 67.3716, 87.1804,
42.1317

■ 94.0825, 99.5566,
106.3549

■ 62.4560, 84.8584,
32.3232

■ 95.0500, 100.0000,
108.9000

■ 58.1812, 82.8184,
24.7240

■ 54.5093, 81.0448,
19.1612

■ 51.3979, 79.5200,
15.4365

■ 48.7963, 78.2232,
13.3114

■ 46.8581, 77.2413,
12.4394

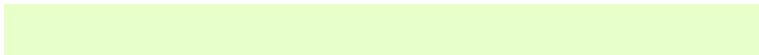
Harmonies

Analogous

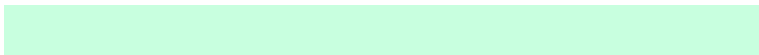
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.4896, 92.7260, 62.7222



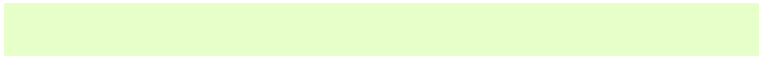
79.2576, 92.7260, 68.9789



74.6231, 92.7260, 83.9061

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.2576, 92.7260, 68.9789



81.9568, 92.7260, 147.5791



104.5801, 92.7260, 96.2995

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



79.2576, 92.7260, 68.9789



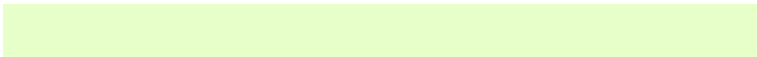
69.9889, 65.0021, 103.4656

Split Complementary

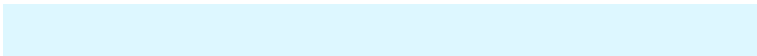
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



103.1830, 92.7260, 120.1874



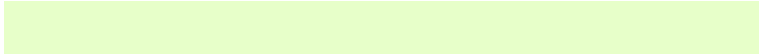
79.2576, 92.7260, 68.9789



89.7977, 92.7260, 152.2458

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



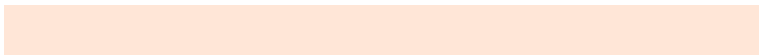
79.2576, 92.7260, 68.9789



76.1132, 92.7260, 129.6407



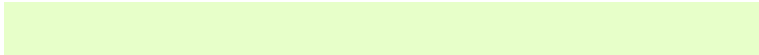
97.6480, 92.7260, 141.5616



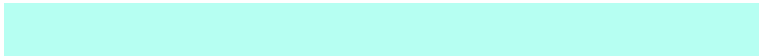
101.3566, 92.7260, 76.8606

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.2576, 92.7260, 68.9789



73.4625, 92.7260, 97.9411



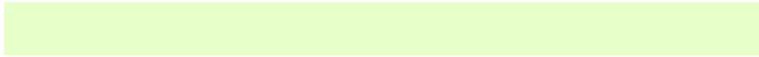
97.6480, 92.7260, 141.5616



104.6377, 92.7260, 104.0461

Sweetspot

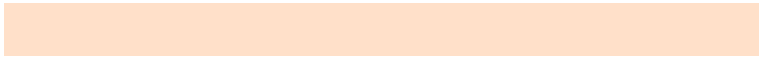
The Sweet Spot groups the original color and five complimentary colors.



79.2581, 92.7262, 68.9803



90.2260, 97.7865, 96.3239



78.5465, 79.0044, 66.3692



19.2033, 20.8803, 20.3374



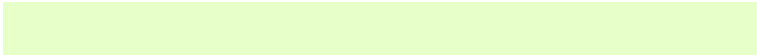
0.0000, 0.0000, 0.0000



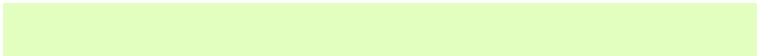
20.3446, 21.4041, 23.3091

Same Dimension

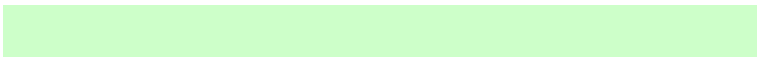
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.2581, 92.7262, 68.9803



76.7650, 91.5693, 63.0633



71.3700, 88.6598, 68.6111



18.7367, 20.6657, 19.1457



24.6589, 40.4502, 6.5080



2.5267, 4.0033, 0.6395

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



69.9889, 65.0021, 103.4656



66.1247, 59.7415, 102.6539



78.8651, 69.5779, 103.8810



17.7694, 17.7728, 22.7439



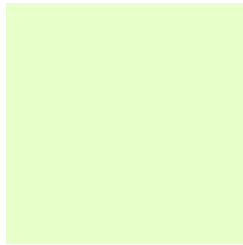
13.1779, 5.7039, 49.8410



1.4064, 0.6189, 4.8586

Previews

White Background



This preview shows how the XYZ color 79.2576, 92.7260, 68.9789 looks on a white background.

Color Contrast Check

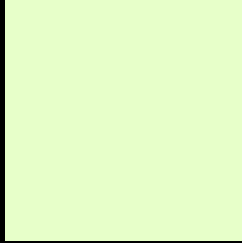
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 79.2576, 92.7260, 68.9789 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

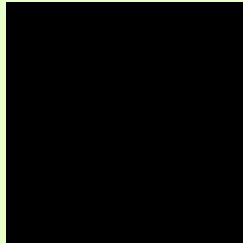
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

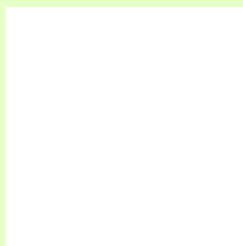
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.2576, 92.7260, 68.9789

Background



This preview shows how black text looks on a background with the XYZ color 79.2576, 92.7260, 68.9789.



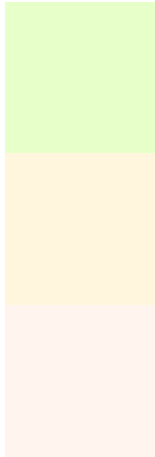
This preview shows how white text looks on a background with the XYZ color 79.2576, 92.7260,

68.9789.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

79.2576, 92.7260, 68.9789

Protanopia

87.2469, 92.3920, 81.6416

Deuteranopia

89.0233, 92.1344, 93.9806

Tritanopia

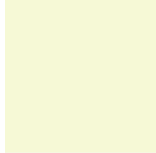
88.3140, 92.3646, 107.7813

Trichromacy



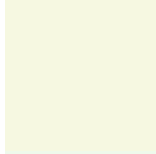
Original Color

79.2576, 92.7260, 68.9789



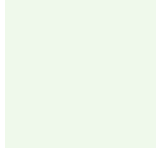
Protanomaly

84.0193, 92.1992, 76.9863



Deuteranomaly

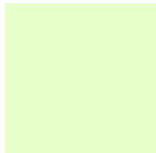
85.1640, 92.1639, 84.5349



Tritanomaly

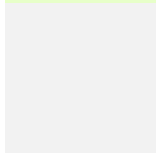
84.4677, 92.1002, 91.9225

Monochromacy



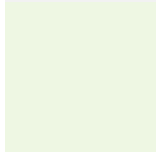
Original Color

79.2576, 92.7260, 68.9789



Achromatopsia

84.3971, 88.7923, 96.6948



Achromatomaly

82.3858, 90.2447, 85.7498

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.2576, 92.7260, 68.9789 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(231, 255, 201)` looks like.

```
.text, #text, p{  
    color:rgb(231, 255, 201)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(231, 255, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 255, 201) }
```

Border

The CSS property to change the border of an element to XYZ 79.2576, 92.7260, 68.9789 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(231, 255, 201) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(231, 255, 201) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(231, 255, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 255, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 255, 201);  
box-shadow:4px 4px 4px 4px rgb(231, 255,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 79.2576, 92.7260, 68.9789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 255, 201) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(231,  
255, 201) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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