

Converting Colors

XYZ(82.6865, 100.0000,
57.9361)

Have a look what the booklet for
XYZ(82.6865, 100.0000, 57.9361)
contains.

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Color

**XYZ(79.2581, 92.9924,
56.9520)**

Conversions

Conversions Part 1

Format	Color
Hex	EEFFB4
RGB	238, 255, 180
RGB Percent	93%, 100%, 71%
CMY	0.0667, 0.0000, 0.2941
CMYK	0.07, 0.00, 0.29, 0.00
HSL	74°, 100%, 85%
HSV	74°, 29%, 100%
XYZ	79.2581, 92.9924, 56.9520
YIQ	241.3670, 13.9430, -26.9290

Conversions

Conversions Part 2

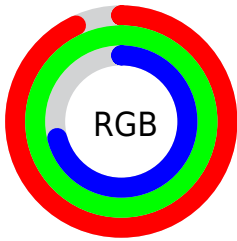
Format	Color
RYB	180, 255, 197
Decimal	15663028
CIELab	97.22, -17.42, 34.07
CIELCh	97, 38.264, 117.074
Yxy	92.9924, 0.3458, 0.4057
Android (android.graphics.Color)	4293853108 (0xFFEEFFB4)
YUV	241.3670, -30.2539, -2.9529
Hunter-Lab	96.4326, -22.0475, 32.4868

Details

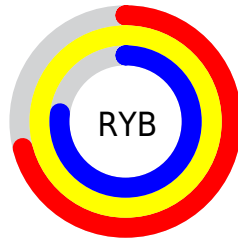
The XYZ color **79.2581, 92.9924, 56.9520** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **57.3982, 51.7341, 101.5682**, and the grayscale version is **84.1208, 88.5016, 96.3782**.

A 20% lighter version of the original color is **92.1403, 98.8361, 93.5778**, and **43.0809, 51.7442, 27.7957** is the 20% darker color. If you saturate the color by 10%, you get **74.9850, 91.0626, 44.4164**, and if you desaturate by 10%, it is **84.0723, 95.1459, 72.0100**.

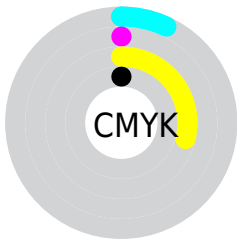
Distribution



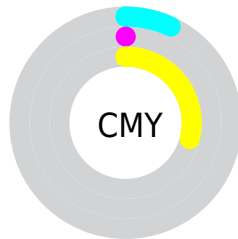
- Red (93%)
- Green (100%)
- Blue (71%)



- Red (71%)
- Yellow (100%)
- Blue (77%)



- Cyan (7%)
- Magenta (0%)
- Yellow (29%)
- Black (0%)





- Cyan (7%)
- Magenta (0%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.2581, 92.9924, 56.9520 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 79.2581, 92.9924, 56.9520 by changing the saturation by 10% instead.


 79.2581, 92.9924,
56.9520

 79.2581, 92.9924,
56.9520


481.2038,
537.7177, 430.7581

 59.4144, 70.4652,
40.5576


 131.2782,
151.4881, 101.8948

 43.1945, 51.9059,
27.6565


164.1852,
188.2254, 131.2803

 30.2329, 36.9300,
17.8301


202.1775,
230.4681, 165.8332

 20.1644, 25.1533,
10.6599

245.6203,
278.6007, 205.9720

 12.6235, 16.1913,
5.7273

294.8789,
333.0076, 252.1154

 7.2450, 9.6596,
2.6139

350.3188,

 3.6635, 5.1739,

394.0731, 304.6819

0.8996

412.3053,
462.1817, 364.0899

■ 1.5136, 2.3496,
0.0000

■ 0.3350, 0.7998,
0.0000

■ 79.2581, 92.9924,
56.9520

■ 79.2581, 92.9924,
56.9520

■ 74.9850, 91.0626,
44.4164

■ 84.0723, 95.1459,
72.0100

■ 71.2249, 89.3451,
34.2611

■ 89.4512, 97.5326,
89.7142

■ 67.9489, 87.8283,
26.3359

95.0500, 100.0000,
108.9000

■ 65.1244, 86.4990,
20.4718

■ 62.7141, 85.3424,
16.4758

■ 60.6738, 84.3407,
14.1186

■ 58.9359, 83.4667,
13.0476

■ 58.8383, 83.4173,
13.0000

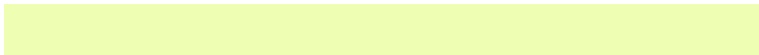
Harmonies

Analogous

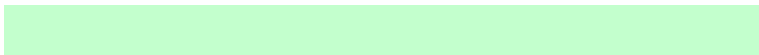
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.4521, 92.9924, 52.6713



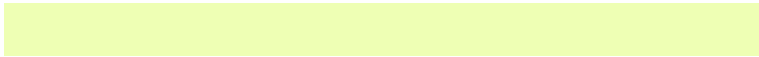
79.2581, 92.9924, 56.9520



72.0596, 92.9924, 72.2151

Triad

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



79.2581, 92.9924, 56.9520



77.5608, 92.9924, 159.9018



110.8171, 92.9924, 104.3232

Complementary

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



79.2581, 92.9924, 56.9520



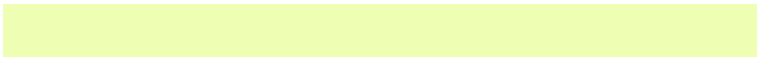
57.3982, 51.7341, 101.5682

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.



107.0101, 92.9924, 137.1870



79.2581, 92.9924, 56.9520



87.3293, 92.9924, 173.1144

Square

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



79.2581, 92.9924, 56.9520



71.1373, 92.9924, 130.8408



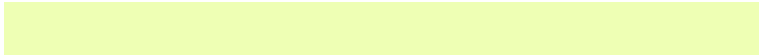
98.1902, 92.9924, 164.0596



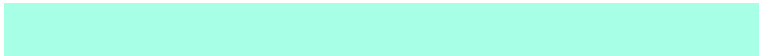
108.2204, 92.9924, 76.5000

Rectangle

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



79.2581, 92.9924, 56.9520



69.6328, 92.9924, 88.5093



98.1902, 92.9924, 164.0596



110.2370, 92.9924, 115.1645

Sweetspot

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



79.2585, 92.9926, 56.9533



89.6846, 97.6357, 90.4999



69.2753, 64.1490, 51.9121



19.0202, 20.8202, 18.7796



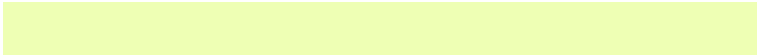
0.0000, 0.0000, 0.0000



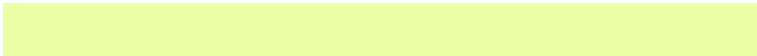
20.3446, 21.4041, 23.3091

Same Dimension

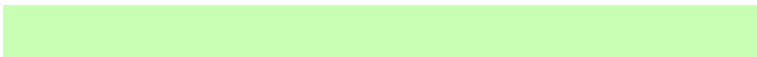
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.2585, 92.9926, 56.9533



76.8050, 91.8870, 49.6442



68.1536, 87.2678, 56.4336



19.1349, 20.8710, 19.1643



30.8800, 43.6573, 6.7992



3.1005, 4.2991, 0.6664

Inverse Universe

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



57.3982, 51.7341, 101.5682



51.8857, 44.8382, 100.5277



68.2216, 57.3138, 102.0747



17.3881, 17.5763, 22.7261



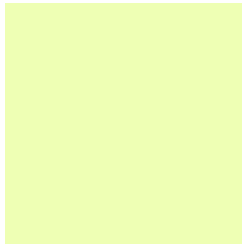
10.4425, 4.2938, 49.7130



1.1065, 0.4643, 4.8446

Previews

White Background



This preview shows how the XYZ color 79.2581, 92.9924, 56.9520 looks on a white background.

Color Contrast Check

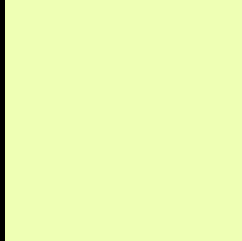
Large Text (above 18pt) WCAG AA × Fail

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 79.2581, 92.9924, 56.9520 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

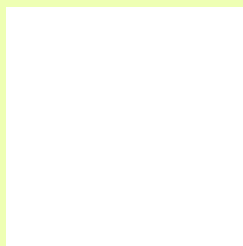
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.2581, 92.9924, 56.9520

Background



This preview shows how black text looks on a background with the XYZ color 79.2581, 92.9924, 56.9520.



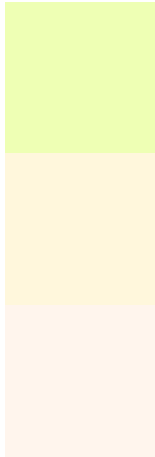
This preview shows how white text looks on a background with the XYZ color 79.2581, 92.9924,

56.9520.

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

79.2581, 92.9924, 56.9520

Protanopia

87.4190, 92.9488, 81.0436

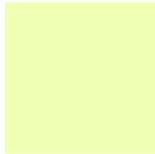
Deuteranopia

89.1785, 92.6792, 93.3094

Tritanopia

89.7172, 93.0880, 107.8469

Trichromacy



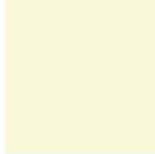
Original Color

79.2581, 92.9924, 56.9520



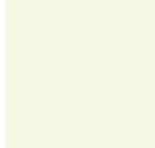
Protanomaly

84.2720, 92.9187, 71.2511



Deuteranomaly

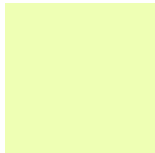
85.3373, 92.8490, 78.3896



Tritanomaly

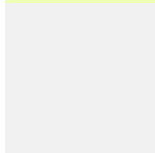
85.1875, 92.5859, 86.7798

Monochromacy



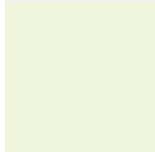
Original Color

79.2581, 92.9924, 56.9520



Achromatopsia

83.6081, 87.9622, 95.7909



Achromatomaly

81.6771, 89.5513, 79.9981

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.2581, 92.9924, 56.9520 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(238, 255, 180)` looks like.

```
.text, #text, p{  
    color:rgb(238, 255, 180)  
}
```

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(238, 255, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 255, 180) }
```

Border

The CSS property to change the border of an element to XYZ 79.2581, 92.9924, 56.9520 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(238, 255, 180) }
```


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

```
.border{ border-color:rgb(238, 255, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 255, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 255, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 255, 180);  
box-shadow:4px 4px 4px 4px rgb(238, 255,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 79.2581, 92.9924, 56.9520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 255, 180) }
```

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

```
.background{ background-color: rgb(238,  
255, 180) }
```

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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