

Converting Colors

XYZ(81.3420, 94.4544, 27.8130)

Have a look what the booklet for
XYZ(81.3420, 94.4544, 27.8130)
contains.

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Color

**XYZ(79.3357, 93.2052,
27.7189)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFE6B
RGB	255, 254, 107
RGB Percent	100%, 100%, 42%
CMY	0.0000, 0.0039, 0.5804
CMYK	0.00, 0.00, 0.58, 0.00
HSL	60°, 100%, 71%
HSV	60°, 58%, 100%
XYZ	79.3357, 93.2052, 27.7189
YIQ	237.5410, 47.7830, -45.5050

Conversions

Conversions Part 2

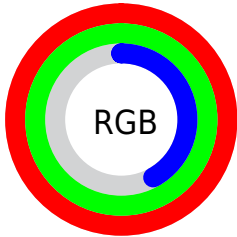
Format	Color
RYB	108, 255, 107
Decimal	16776811
CIELab	97.31, -17.63, 68.61
CIELCh	97, 70.837, 104.414
Yxy	93.2052, 0.3962, 0.4654
Android (android.graphics.Color)	4294966891 (0xFFFFE6B)
YUV	237.5410, -64.3567, 15.3115
Hunter-Lab	96.5428, -22.2646, 50.5569

Details

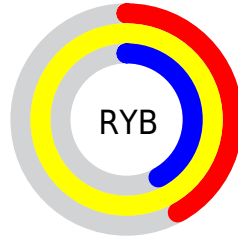
The XYZ color **79.3357, 93.2052, 27.7189** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **29.4761, 21.0706, 97.1208**, and the grayscale version is **81.3711, 85.6087, 93.2279**.

A 20% lighter version of the original color is **83.6109, 95.4243, 48.6623**, and **43.2541, 52.2120, 10.7039** is the 20% darker color. If you saturate the color by 10%, you get **78.1338, 92.6410, 21.6476**, and if you desaturate by 10%, it is **80.9376, 93.9363, 35.8768**.

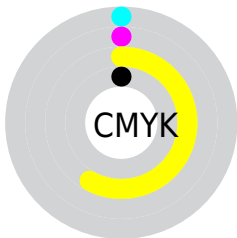
Distribution



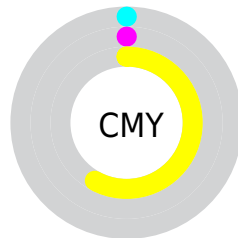
- Red (100%)
- Green (100%)
- Blue (42%)



- Red (42%)
- Yellow (100%)
- Blue (42%)



- Cyan (0%)
- Magenta (0%)
- Yellow (58%)
- Black (0%)





- Cyan (0%)
- Magenta (0%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.3357, 93.2052, 27.7189 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 79.3357, 93.2052, 27.7189 by changing the saturation by 10% instead.


 79.3357, 93.2052,
27.7189


 79.3357, 93.2052,
27.7189


481.4620,
538.4030, 304.9908


 59.4784, 70.6421,
17.8767


 131.3868,
151.7827, 57.0530


 43.2462, 52.0502,
10.6930


 164.3113,
188.5658, 77.3820

 30.2737, 37.0451,
5.7492

 202.3224,
230.8577, 102.0437

 20.1955, 25.2424,
2.6269

 245.7852,
279.0428, 131.4565

 12.6464, 16.2577,
0.9063

295.0652,
333.5055, 166.0391

 7.2608, 9.7067,
0.0000

350.5278,

 3.6735, 5.2049,

394.6302, 206.2100

0.0000

412.5383,
462.8012, 252.3877

■ 1.5191, 2.3680,
0.0000

■ 0.3388, 0.8094,
0.0000

■ 79.3357, 93.2052,
27.7189

■ 79.3357, 93.2052,
27.7189

■ 78.1338, 92.6410,
21.6476

■ 80.9376, 93.9363,
35.8768

■ 77.2893, 92.2165,
17.4679


■ 82.9644, 94.8340,
46.2818


■ 76.7620, 91.9189,
14.9587

■ 85.4467, 95.9140,
59.0852

■ 76.4945, 91.7254,
13.8168

■ 88.4105, 97.1866,
74.4235

 76.4565, 91.6932,
13.6689

 91.8797, 98.6615,
92.4232

95.0498, 99.9999,
108.9000

Harmonies

Analogous

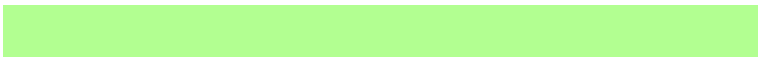
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



99.3541, 93.2052, 27.9655



79.3357, 93.2052, 27.7189



64.2582, 93.2052, 41.2911

Triad

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



79.3357, 93.2052, 27.7189



63.8094, 93.2052, 200.0049



131.1459, 93.2052, 134.1282

Complementary

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



79.3357, 93.2052, 27.7189



29.4761, 21.0706, 97.1208

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.



118.3956, 93.2052, 202.5240



79.3357, 93.2052, 27.7189



78.6306, 93.2052, 249.2798

Square

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



79.3357, 93.2052, 27.7189



56.2548, 93.2052, 131.5199



98.5347, 93.2052, 250.3447



131.4110, 93.2052, 76.4101

Rectangle

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



79.3357, 93.2052, 27.7189



58.1722, 93.2052, 60.8860



98.5347, 93.2052, 250.3447



128.1011, 93.2052, 157.0138

Sweetspot

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



79.3379, 93.2095, 27.7208



88.7469, 97.3304, 76.1653



49.2837, 32.8905, 18.3523



18.8573, 20.7737, 15.5862



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.



79.3379, 93.2095, 27.7208



77.9412, 92.5472, 20.6844



58.0540, 82.7062, 26.8153



19.5502, 21.0686, 19.1806



39.9551, 47.9215, 7.1439



3.8935, 4.6725, 0.6967

Inverse Universe

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



29.4761, 21.0706, 97.1208



23.7733, 14.1829, 96.0923



41.7913, 27.2647, 97.6673



17.0128, 17.3973, 22.7113



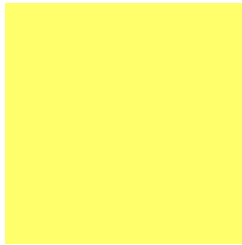
9.4454, 3.8005, 49.6703



0.9230, 0.3766, 4.8373

Previews

White Background



This preview shows how the XYZ color 79.3357, 93.2052, 27.7189 looks on a white background.

Color Contrast Check

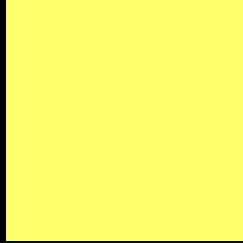
Large Text (above 18pt) WCAG AA × Fail

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 79.3357, 93.2052, 27.7189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

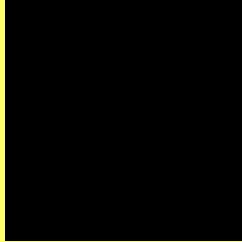
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.3357, 93.2052, 27.7189

Background



This preview shows how black text looks on a background with the XYZ color 79.3357, 93.2052, 27.7189.



This preview shows how white text looks on a background with the XYZ color 79.3357, 93.2052,

Color Blindness Simulation

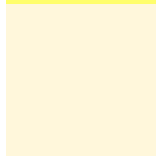
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



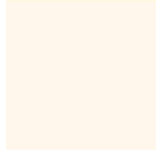
Original Color

79.3357, 93.2052, 27.7189



Protanopia

87.2869, 92.8960, 80.3480



Deuteranopia

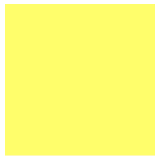
89.3361, 93.2277, 92.6431



Tritanopia

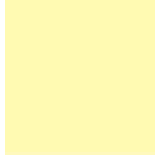
91.0033, 92.9264, 104.4070

Trichromacy



Original Color

79.3357, 93.2052, 27.7189



Protanomaly

83.4615, 92.8456, 55.6416



Deuteranomaly

84.3010, 92.6855, 61.5911



Tritanomaly

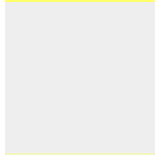
85.1162, 92.5183, 67.4045

Monochromacy



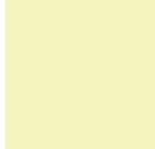
Original Color

79.3357, 93.2052, 27.7189



Achromatopsia

81.2670, 85.4993, 93.1087



Achromatomaly

78.9532, 87.6522, 61.4725

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.3357, 93.2052, 27.7189 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(255, 254, 107)` looks like.

```
.text, #text, p{  
    color:rgb(255, 254, 107)  
}
```

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(255, 254, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 254, 107) }
```

Border

The CSS property to change the border of an element to XYZ 79.3357, 93.2052, 27.7189 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(255, 254, 107) }
```


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

```
.border{ border-color:rgb(255, 254, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 254, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 254, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 254, 107);  
box-shadow:4px 4px 4px 4px rgb(255, 254,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 79.3357, 93.2052, 27.7189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 254, 107) }
```

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

```
.background{ background-color: rgb(255,  
254, 107) }
```

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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