

Converting Colors

XYZ(79.2851, 90.6200, 35.3605)

Have a look what the booklet for
XYZ(79.2851, 90.6200, 35.3605)
contains.

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Color

**XYZ(79.3493, 90.7048,
35.5159)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF985
RGB	255, 249, 133
RGB Percent	100%, 98%, 52%
CMY	0.0000, 0.0235, 0.4784
CMYK	0.00, 0.02, 0.48, 0.00
HSL	57°, 100%, 76%
HSV	57°, 48%, 100%
XYZ	79.3493, 90.7048, 35.5159
YIQ	237.5700, 40.8120, -34.8040

Conversions

Conversions Part 2

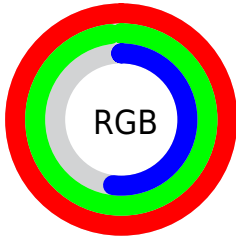
Format	Color
R _Y B	139, 255, 133
Decimal	16775557
CIE Lab	96.29, -13.20, 55.93
CIE LCh	96, 57.463, 103.280
Yxy	90.7048, 0.3860, 0.4412
Android (android.graphics.Color)	4294965637 (0xFFFFF985)
YUV	237.5700, -51.5530, 15.2861
Hunter-Lab	95.2391, -17.9495, 44.5573

Details

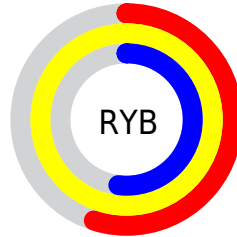
The XYZ color **79.3493, 90.7048, 35.5159** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **36.9554, 30.6709, 98.5798**, and the grayscale version is **81.3013, 85.5353, 93.1479**.

A 20% lighter version of the original color is **86.0771, 96.4108, 61.6494**, and **43.2829, 50.4549, 15.0469** is the 20% darker color. If you saturate the color by 10%, you get **77.4121, 89.3157, 27.2087**, and if you desaturate by 10%, it is **81.7211, 92.2784, 46.0797**.

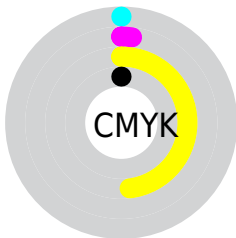
Distribution



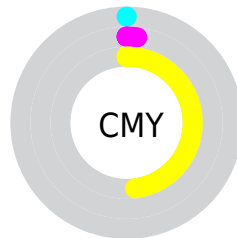
- Red (100%)
- Green (98%)
- Blue (52%)



- Red (55%)
- Yellow (100%)
- Blue (52%)



- Cyan (0%)
- Magenta (2%)
- Yellow (48%)
- Black (0%)





- Cyan (0%)
- Magenta (2%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.3493, 90.7048, 35.5159 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 79.3493, 90.7048, 35.5159 by changing the saturation by 10% instead.


 79.3493, 90.7048,
35.5159

 79.3493, 90.7048,
35.5159


481.5072,
530.3209, 341.8128

 59.4897, 68.5654,
23.7738


 131.4058,
148.3170, 69.4448

 43.2553, 50.3578,
14.9553


 164.3334,
184.5586, 92.4687

 30.2809, 35.6978,
8.6417


 202.3477,
226.2696, 120.0904

 20.2010, 24.2009,
4.4146

245.8141,
273.8345, 152.7282

 12.6504, 15.4827,
1.8555

295.0979,
327.6377, 190.8009

 7.2636, 9.1589,
0.4642

350.5644,

 3.6753, 4.8449,

388.0636, 234.7268

0.0000

412.5791,
455.4965, 284.9246

■ 1.5201, 2.1566,
0.0000

■ 0.3395, 0.6962,
0.0000

■ 79.3493, 90.7048,
35.5159

■ 79.3493, 90.7048,
35.5159

■ 77.4121, 89.3157,
27.2087

■ 81.7211, 92.2784,
46.0797

■ 75.8715, 88.0861,
20.9868

■ 84.5493, 94.0355,
59.0436

■ 74.6938, 87.0058,
16.6633

■ 87.8619, 95.9904,
74.5459

■ 73.8367, 86.0579,
14.0158

■ 91.6830, 98.1529,
92.7128

■ 73.2439, 85.2197, 95.0499, 99.9999,
12.7467 108.9000

■ 73.1330, 85.0462,
12.5610

Harmonies

Analogous

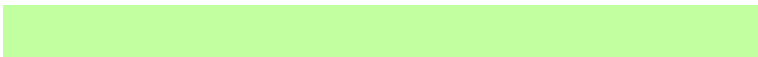
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.3518, 90.7048, 36.2115



79.3493, 90.7048, 35.5159



66.8278, 90.7048, 47.5769

Triad

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



79.3493, 90.7048, 35.5159



65.7337, 90.7048, 172.1518



119.0914, 90.7048, 126.2851

Complementary

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



79.3493, 90.7048, 35.5159



36.9554, 30.6709, 98.5798

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.



109.0235, 90.7048, 177.6164



79.3493, 90.7048, 35.5159



77.6761, 90.7048, 209.1967

Square

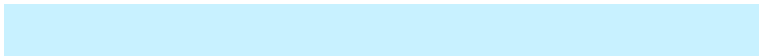
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.3493, 90.7048, 35.5159



59.6468, 90.7048, 120.3714



93.4598, 90.7048, 211.4588



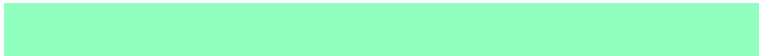
119.6843, 90.7048, 79.9074

Rectangle

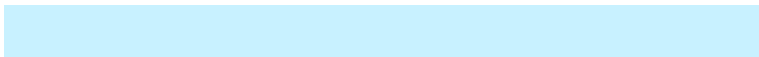
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.3493, 90.7048, 35.5159



61.5903, 90.7048, 64.2626



93.4598, 90.7048, 211.4588



116.6514, 90.7048, 143.8160

Sweetspot

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



79.3515, 90.7090, 35.5178



89.2688, 96.7964, 81.2037



54.2956, 39.9030, 29.3059



18.9361, 20.6207, 16.5702



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

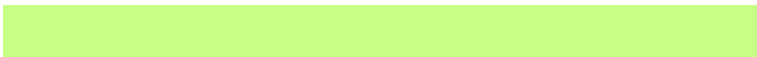
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.3515, 90.7090, 35.5178



77.5598, 89.4268, 27.8254



63.8402, 85.5066, 35.3312



19.4803, 20.9287, 19.1573



38.2471, 44.5053, 6.5746



3.7466, 4.3785, 0.6477

Inverse Universe

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



36.9554, 30.6709, 98.5798



30.7738, 23.1863, 97.4612



47.1527, 34.6748, 98.8151



17.0746, 17.5208, 22.7319



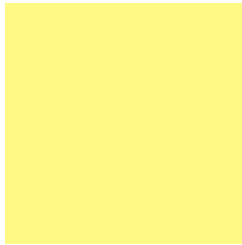
9.5335, 3.9766, 49.6997



0.9523, 0.4353, 4.8471

Previews

White Background



This preview shows how the XYZ color 79.3493, 90.7048, 35.5159 looks on a white background.

Color Contrast Check

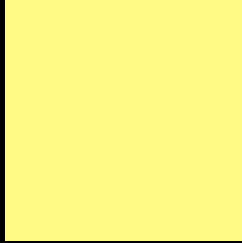
Large Text (above 18pt) WCAG AA × Fail

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 79.3493, 90.7048, 35.5159 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 79.3493, 90.7048, 35.5159

Background



This preview shows how black text looks on a background with the XYZ color 79.3493, 90.7048, 35.5159.



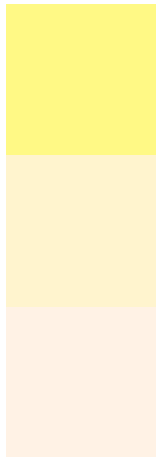
This preview shows how white text looks on a background with the XYZ color 79.3493, 90.7048,

35.5159.

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

79.3493, 90.7048, 35.5159

Protanopia

84.7313, 90.4176, 71.3790

Deuteranopia

87.1350, 90.4214, 86.9893



Tritanopia

89.4990, 90.4197, 102.3582

Trichromacy



Original Color

79.3493, 90.7048, 35.5159



Protanomaly

82.3325, 90.4262, 55.7624



Deuteranomaly

83.6300, 90.4599, 64.0917



Tritanomaly

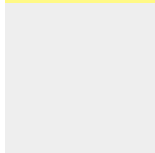
84.5531, 89.8662, 71.9210

Monochromacy



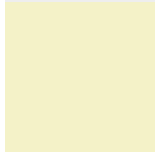
Original Color

79.3493, 90.7048, 35.5159



Achromatopsia

81.2670, 85.4993, 93.1087



Achromatomaly

79.4857, 86.9075, 67.2291

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.3493, 90.7048, 35.5159 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, 249, 133)` looks like.

```
.text, #text, p{  
  color:rgb(255, 249, 133)  
}
```

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, 249, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 249, 133) }
```

Border

The CSS property to change the border of an element to XYZ 79.3493, 90.7048, 35.5159 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, 249, 133) }
```


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

```
.border{ border-color:rgb(255, 249, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 249, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 249, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 249, 133);  
box-shadow:4px 4px 4px 4px rgb(255, 249,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 79.3493, 90.7048, 35.5159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 249, 133) }
```

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

```
.background{ background-color: rgb(255,  
249, 133) }
```

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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