

Converting Colors

XYZ(79.3551, 92.5383, 29.9009)

Have a look what the booklet for
XYZ(79.3551, 92.5383, 29.9009)
contains.

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Color

**XYZ(79.4598, 92.7484,
29.9339)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFD73
RGB	255, 253, 115
RGB Percent	100%, 99%, 45%
CMY	0.0000, 0.0078, 0.5490
CMYK	0.00, 0.01, 0.55, 0.00
HSL	59°, 100%, 73%
HSV	59°, 55%, 100%
XYZ	79.4598, 92.7484, 29.9339
YIQ	237.8660, 45.4900, -42.4940

Conversions

Conversions Part 2

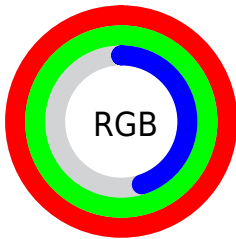
Format	Color
RYB	117, 255, 115
Decimal	16776563
CIELab	97.13, -16.59, 65.00
CIElCh	97, 67.081, 104.318
Yxy	92.7484, 0.3931, 0.4588
Android (android.graphics.Color)	4294966643 (0xFFFFFD73)
YUV	237.8660, -60.5729, 15.0265
Hunter-Lab	96.3060, -21.2593, 48.9856

Details

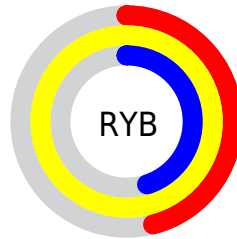
The XYZ color **79.4598, 92.7484, 29.9339** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **31.4816, 23.5869, 97.5008**, and the grayscale version is **81.5958, 85.8452, 93.4854**.

A 20% lighter version of the original color is **84.3507, 95.7203, 52.5582**, and **43.5206, 51.9840, 11.8778** is the 20% darker color. If you saturate the color by 10%, you get **78.0772, 92.0156, 23.2082**, and if you desaturate by 10%, it is **81.2528, 93.6525, 38.8005**.

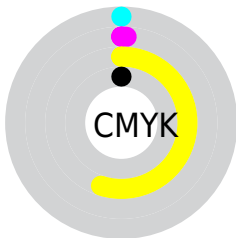
Distribution



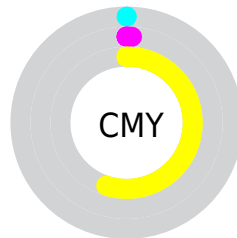
- Red (100%)
- Green (99%)
- Blue (45%)



- Red (46%)
- Yellow (100%)
- Blue (45%)



- Cyan (0%)
- Magenta (1%)
- Yellow (55%)
- Black (0%)





- Cyan (0%)
- Magenta (1%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.4598, 92.7484, 29.9339 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 79.4598, 92.7484, 29.9339 by changing the saturation by 10% instead.


 79.4598, 92.7484,
29.9339

 79.4598, 92.7484,
29.9339


481.8748,
536.9313, 315.7939


 59.5809, 70.2624,
19.5368


 131.5605,
151.1502, 60.6174

 43.3291, 51.7405,
11.8781


 164.5130,
187.8349, 81.7409

 30.3390, 36.7983,
6.5392


 202.5540,
230.0211, 107.2769

 20.2454, 25.0513,
3.1016

246.0489,
278.0935, 137.6440

 12.6829, 16.1153,
1.1467

295.3631,
332.4363, 173.2607

 7.2860, 9.6058,
0.0000

350.8619,

 3.6895, 5.1384,

393.4339, 214.5456

0.0000

412.9107,
461.4708, 261.9171

■ 1.5280, 2.3287,
0.0000

■ 0.3448, 0.7888,
0.0000

■ 79.4598, 92.7484,
29.9339

■ 79.4598, 92.7484,
29.9339

■ 78.0772, 92.0156,
23.2082

■ 81.2528, 93.6525,
38.8005

■ 77.0640, 91.4275,
18.4367


■ 83.4802, 94.7273,
49.9626


■ 76.3825, 90.9724,
15.4103

■ 86.1715, 95.9881,
63.5672

■ 75.9833, 90.6306,
13.8696

■ 89.3522, 97.4450,
79.7476

 75.8527, 90.4856,
13.4676

 93.0457, 99.1073,
98.6272

95.0498, 99.9999,
108.9000

Harmonies

Analogous

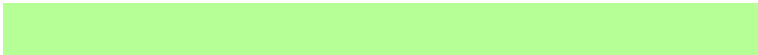
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



98.3591, 92.7484, 30.2203



79.4598, 92.7484, 29.9339



65.1010, 92.7484, 43.2767

Triad

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



79.4598, 92.7484, 29.9339



64.6018, 92.7484, 192.6758



128.0273, 92.7484, 131.8515

Complementary

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



79.4598, 92.7484, 29.9339



31.4816, 23.5869, 97.5008

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.



116.0941, 92.7484, 195.3875



79.4598, 92.7484, 29.9339



78.6814, 92.7484, 238.1904

Square

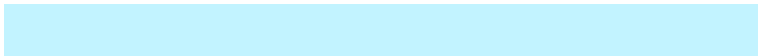
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.4598, 92.7484, 29.9339



57.3923, 92.7484, 129.0089



97.4616, 92.7484, 239.3302



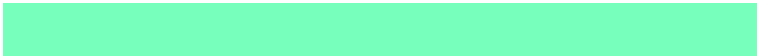
128.3151, 92.7484, 77.3489

Rectangle

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



79.4598, 92.7484, 29.9339



59.2632, 92.7484, 62.2266



97.4616, 92.7484, 239.3302



125.1762, 92.7484, 153.2094

Sweetspot

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



79.4620, 92.7527, 29.9358



88.9782, 97.2753, 77.8387



50.6018, 34.8146, 20.9866



18.8985, 20.7542, 15.9144



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.



79.4620, 92.7527, 29.9358



77.9486, 91.9443, 22.5914



59.4301, 83.3647, 29.1795



19.5378, 21.0437, 19.1764



39.6450, 47.3012, 7.0405



3.8669, 4.6192, 0.6878

Inverse Universe

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



31.4816, 23.5869, 97.5008



25.5329, 16.3925, 96.4261



43.6308, 29.5090, 98.0035



17.0238, 17.4191, 22.7149



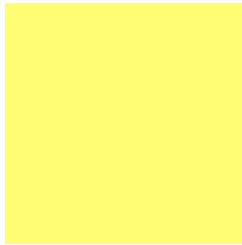
9.4611, 3.8317, 49.6755



0.9282, 0.3870, 4.8391

Previews

White Background



This preview shows how the XYZ color 79.4598, 92.7484, 29.9339 looks on a white background.

Color Contrast Check

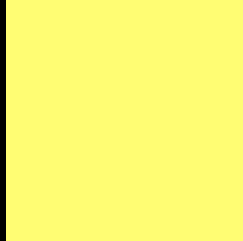
Large Text (above 18pt) WCAG AA × Fail

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 79.4598, 92.7484, 29.9339 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 79.4598, 92.7484, 29.9339

Background



This preview shows how black text looks on a background with the XYZ color 79.4598, 92.7484, 29.9339.



This preview shows how white text looks on a background with the XYZ color 79.4598, 92.7484,

Color Blindness Simulation

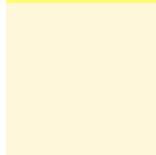
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



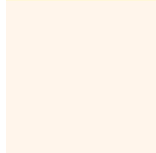
Original Color

79.4598, 92.7484, 29.9339



Protanopia

87.0251, 92.7913, 78.9694



Deuteranopia

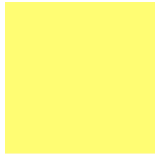
88.8878, 92.5630, 91.7788



Tritanopia

90.8460, 92.8635, 103.5788

Trichromacy



Original Color

79.4598, 92.7484, 29.9339



Protanomaly

83.3539, 92.3067, 56.6038



Deuteranomaly

84.2114, 92.1564, 62.6398



Tritanomaly

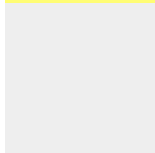
85.0434, 91.9986, 68.5336

Monochromacy



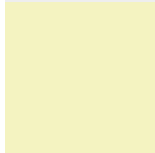
Original Color

79.4598, 92.7484, 29.9339



Achromatopsia

81.2670, 85.4993, 93.1087



Achromatomaly

78.9845, 87.1845, 63.1174

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.4598, 92.7484, 29.9339 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, 253, 115)` looks like.

```
.text, #text, p{  
    color:rgb(255, 253, 115)  
}
```

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, 253, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 253, 115) }
```

Border

The CSS property to change the border of an element to XYZ 79.4598, 92.7484, 29.9339 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, 253, 115) }
```


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

```
.border{ border-color:rgb(255, 253, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 253, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 253, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 253, 115);  
box-shadow:4px 4px 4px 4px rgb(255, 253,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 79.4598, 92.7484, 29.9339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 253, 115) }
```

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

```
.background{ background-color: rgb(255,  
253, 115) }
```

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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