

Converting Colors

XYZ(75.7426, 91.9792, 20.6851)

Have a look what the booklet for
XYZ(75.7426, 91.9792, 20.6851)
contains.

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Color

**XYZ(75.7759, 91.9983,
20.6011)**

Conversions

Conversions Part 1

Format	Color
Hex	F8FF4C
RGB	248, 255, 76
RGB Percent	97%, 100%, 30%
CMY	0.0275, 0.0000, 0.7019
CMYK	0.03, 0.00, 0.70, 0.00
HSL	62°, 100%, 65%
HSV	62°, 70%, 100%
XYZ	75.7759, 91.9983, 20.6011
YIQ	232.5010, 53.2870, -57.1530

Conversions

Conversions Part 2

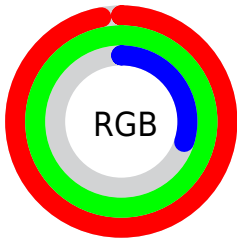
Format	Color
RYB	76, 255, 83
Decimal	16318284
CIELab	96.82, -22.67, 79.70
CIELCh	97, 82.860, 105.875
Yxy	91.9983, 0.4023, 0.4884
Android (android.graphics.Color)	4294508364 (0xFFFF8FF4C)
YUV	232.5010, -77.1550, 13.5926
Hunter-Lab	95.9157, -26.8330, 54.4065

Details

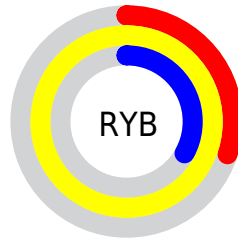
The XYZ color **75.7759, 91.9983, 20.6011** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **24.2028, 14.2291, 96.0786**, and the grayscale version is **77.6096, 81.6514, 88.9184**.

A 20% lighter version of the original color is **81.3732, 94.5293, 36.8788**, and **40.9331, 51.0795, 7.7019** is the 20% darker color. If you saturate the color by 10%, you get **74.7051, 91.5292, 16.8047**, and if you desaturate by 10%, it is **77.1996, 92.6086, 26.2488**.

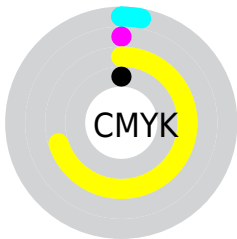
Distribution



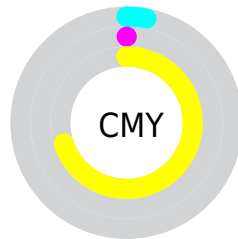
- Red (97%)
- Green (100%)
- Blue (30%)



- Red (30%)
- Yellow (100%)
- Blue (33%)



- Cyan (3%)
- Magenta (0%)
- Yellow (70%)
- Black (0%)





- Cyan (3%)
- Magenta (0%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.7759, 91.9983, 20.6011 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 75.7759, 91.9983, 20.6011 by changing the saturation by 10% instead.


 75.7759, 91.9983,
20.6011

 75.7759, 91.9983,
20.6011


469.5364,
534.5100, 267.8620

 56.5452, 69.6392,
12.6443


 126.3921,
150.1110, 45.2948


 40.8789, 51.2325,
7.0563


 158.5083,
186.6335, 62.8689

 28.4117, 36.3936,
3.4183


 195.6504,
228.6458, 84.4858

 18.7783, 24.7384,
1.3120

 238.1837,
276.5325, 110.5641

 11.6132, 15.8822,
0.0716

286.4736,
330.6778, 141.5223

 6.5512, 9.4409,
0.0000

340.8855,

 3.2269, 5.0298,

391.4663, 177.7790

0.0000

401.7846,
459.2822, 219.7527

■ 1.2748, 2.2648,
0.0000

■ 0.1643, 0.7550,
0.0000

■ 75.7759, 91.9983,
20.6011

■ 75.7759, 91.9983,
20.6011

■ 74.7051, 91.5292,
16.8047

■ 77.1996, 92.6086,
26.2488

■ 73.9431, 91.1839,
14.6231

■ 79.0133, 93.3753,
33.9397

■ 73.4254, 90.9372,
13.6827

■ 81.2496, 94.3112,
43.8453

■ 83.9373, 95.4279,
56.1183

87.1029, 96.7360,
70.8980

90.7707, 98.2452,
88.3125

94.9635, 99.9646,
108.4817

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



98.8093, 91.9983, 20.2505



75.7759, 91.9983, 20.6011



59.1208, 91.9983, 34.8652

Triad

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



75.7759, 91.9983, 20.6011



59.8677, 91.9983, 223.0217



138.3451, 91.9983, 134.7697

Complementary

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



75.7759, 91.9983, 20.6011



24.2028, 14.2291, 96.0786

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.



123.6112, 91.9983, 218.3401



75.7759, 91.9983, 20.6011



76.9811, 91.9983, 282.6555

Square

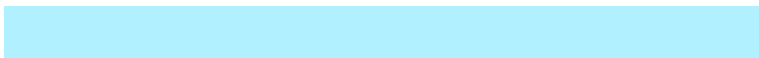
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.7759, 91.9983, 20.6011



51.1099, 91.9983, 139.4257



100.2471, 91.9983, 280.6392



137.8658, 91.9983, 69.0758

Rectangle

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



75.7759, 91.9983, 20.6011



52.6628, 91.9983, 56.4299



100.2471, 91.9983, 280.6392



134.9080, 91.9983, 162.1303

Sweetspot

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



75.7758, 91.9982, 20.6023



86.8293, 96.6232, 69.6100



45.5600, 27.8124, 9.8057



18.3898, 20.6008, 13.9831



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.



75.7758, 91.9982, 20.6023



74.3814, 91.3842, 15.7982



51.4695, 79.4678, 19.4648



19.4868, 21.0524, 19.1808



38.3974, 47.5327, 7.1510



3.7596, 4.6389, 0.6972

Inverse Universe

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



24.2028, 14.2291, 96.0786



20.1113, 9.4495, 95.3717



37.5320, 21.1005, 96.7024



17.0687, 17.4116, 22.7111



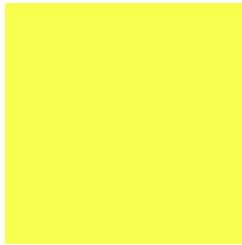
9.5251, 3.8209, 49.6701



0.9495, 0.3834, 4.8372

Previews

White Background



This preview shows how the XYZ color 75.7759, 91.9983, 20.6011 looks on a white background.

Color Contrast Check

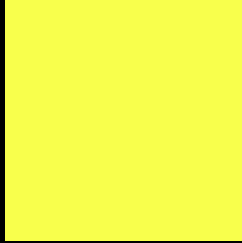
Large Text (above 18pt) WCAG AA × Fail

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 75.7759, 91.9983, 20.6011 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 75.7759, 91.9983, 20.6011

Background



This preview shows how black text looks on a background with the XYZ color 75.7759, 91.9983, 20.6011.



This preview shows how white text looks on a background with the XYZ color 75.7759, 91.9983,

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



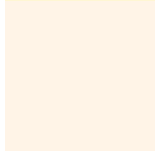
Original Color

75.7759, 91.9983, 20.6011



Protanopia

85.9536, 91.8747, 74.8314



Deuteranopia

88.0145, 91.7309, 88.6683



Tritanopia

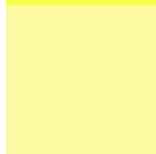
90.4047, 91.7293, 104.2075

Trichromacy



Original Color

75.7759, 91.9983, 20.6011



Protanomaly

80.5422, 91.0554, 47.5129



Deuteranomaly

81.4501, 90.9254, 53.8149



Tritanomaly

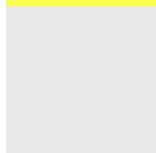
82.3753, 90.8048, 60.1992

Monochromacy



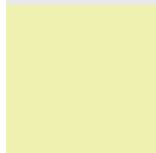
Original Color

75.7759, 91.9983, 20.6011



Achromatopsia

77.4512, 81.4847, 88.7368



Achromatomaly

74.5517, 84.2223, 53.4015

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.7759, 91.9983, 20.6011 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(248, 255, 76)` looks like.

```
.text, #text, p{  
    color:rgb(248, 255, 76)  
}
```

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(248, 255, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 255, 76) }
```

Border

The CSS property to change the border of an element to XYZ 75.7759, 91.9983, 20.6011 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(248, 255, 76) }
```


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

```
.border{ border-color:rgb(248, 255, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 255, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 255, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 255, 76);  
box-shadow:4px 4px 4px 4px rgb(248, 255,  
76) }
```

Background

The CSS property to change the background color of an element to XYZ 75.7759, 91.9983, 20.6011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 255, 76) }
```

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

```
.background{ background-color: rgb(248,  
255, 76) }
```

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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