

Converting Colors

XYZ(76.8484, 92.1679, 16.5361)

Have a look what the booklet for
XYZ(76.8484, 92.1679, 16.5361)
contains.

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Color

**XYZ(76.8484, 92.1679,
16.5361)**

Conversions

Conversions Part 1

Format	Color
Hex	FEFE30
RGB	254, 254, 48
RGB Percent	100%, 100%, 19%
CMY	0.0039, 0.0039, 0.8117
CMYK	0.00, 0.00, 0.81, 0.00
HSL	60°, 99%, 59%
HSV	60°, 81%, 100%
XYZ	76.8484, 92.1679, 16.5361
YIQ	230.5160, 66.1260, -64.0660

Conversions

Conversions Part 2

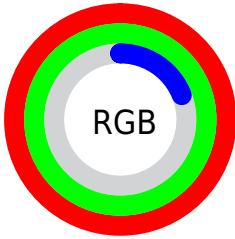
Format	Color
R _Y B	48, 254, 48
Decimal	16711216
CIE Lab	96.89, -20.79, 87.93
CIE LCh	97, 90.354, 103.301
Yxy	92.1679, 0.4142, 0.4967
Android (android.graphics.Color)	4294901296 (0xFFFEFE30)
YUV	230.5160, -89.9804, 20.5955
Hunter-Lab	96.0041, -25.1233, 56.9906

Details

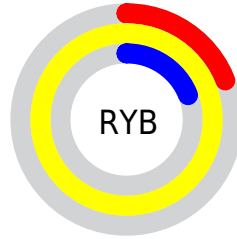
The XYZ color **76.8484, 92.1679, 16.5361** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **20.1677, 9.8998, 94.6197**, and the grayscale version is **76.2116, 80.1806, 87.3167**.

A 20% lighter version of the original color is **80.0373, 93.9949, 29.8440**, and **42.1864, 51.7256, 7.7606** is the 20% darker color. If you saturate the color by 10%, you get **76.4672, 92.0188, 14.5214**, and if you desaturate by 10%, it is **77.5334, 92.4454, 20.1323**.

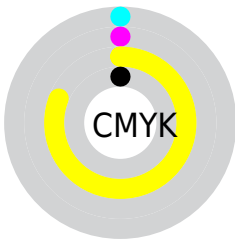
Distribution



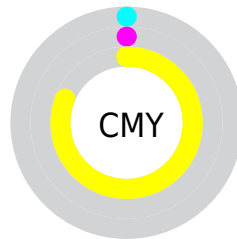
- Red (100%)
- Green (100%)
- Blue (19%)



- Red (19%)
- Yellow (100%)
- Blue (19%)



- Cyan (0%)
- Magenta (0%)
- Yellow (81%)
- Black (0%)



- Cyan (0%)
- Magenta (0%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.8484, 92.1679, 16.5361 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 76.8484, 92.1679, 16.5361 by changing the saturation by 10% instead.

76.8484, 92.1679,
16.5361

76.8484, 92.1679,
16.5361

473.1469,
535.0580, 244.4375

57.4279, 69.7801,
9.7459

127.8994,
150.3461, 38.3061

41.5904, 51.3473,
5.1274

160.2607,
186.9052, 54.1229

28.9704, 36.4851,
2.2622

197.6664,
228.9570, 73.7857

19.2026, 24.8090,
0.7099

240.4817,
276.8857, 97.7129

11.9216, 15.9348,
0.0000

289.0720,
331.0757, 126.3232

6.7622, 9.4781,
0.0000

343.8028,

3.3588, 5.0543,

391.9115, 160.0350

0.0000

405.0393,
459.7775, 199.2669

■ 1.3462, 2.2792,
0.0000

■ 0.2174, 0.7626,
0.0000

■ 76.8484, 92.1679,
16.5361

■ 76.8484, 92.1679,
16.5361

■ 76.4672, 92.0188,
14.5214


■ 77.5334, 92.4454,
20.1323


■ 76.3161, 91.9584,
13.7275

■ 78.5606, 92.8563,
25.5397


■ 79.9694, 93.4199,
32.9563


■ 81.7921, 94.1490,
42.5528

 84.0577, 95.0553,
54.4817

 86.7927, 96.1493,
68.8821

 90.0213, 97.4408,
85.8819

 93.7662, 98.9388,
105.6004

 94.3699, 99.1803,
108.7776

Harmonies

Analogous

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



102.3870, 92.1679, 17.1893



76.8484, 92.1679, 16.5361



58.2154, 92.1679, 29.1356

Triad

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



76.8484, 92.1679, 16.5361



56.6709, 92.1679, 229.9627



143.1515, 92.1679, 146.1101

Complementary

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



76.8484, 92.1679, 16.5361



20.1677, 9.8998, 94.6197

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.



125.5148, 92.1679, 240.3004



76.8484, 92.1679, 16.5361



74.3151, 92.1679, 302.5667

Square

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



76.8484, 92.1679, 16.5361



48.1765, 92.1679, 136.0654



99.3165, 92.1679, 307.0657



144.1932, 92.1679, 71.5130

Rectangle

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



76.8484, 92.1679, 16.5361



50.8380, 92.1679, 49.7469



99.3165, 92.1679, 307.0657



138.8323, 92.1679, 177.1588

Sweetspot

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



76.8505, 92.1722, 16.5380



86.7143, 96.6656, 65.0092



42.4667, 23.4004, 5.0759



18.3489, 20.6058, 12.8007



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.



76.8505, 92.1722, 16.5380



77.0385, 92.7950, 14.0705



48.7418, 77.6817, 15.2225



19.5612, 21.0908, 19.1843



40.2324, 48.4786, 7.2368



3.9173, 4.7202, 0.7046

Inverse Universe

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



20.1677, 9.8998, 94.6197



18.2289, 7.4355, 95.0822



31.7120, 15.8511, 95.1599



17.0032, 17.3778, 22.7080



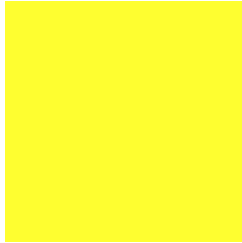
9.4316, 3.7727, 49.6657



0.9183, 0.3673, 4.8358

Previews

White Background



This preview shows how the XYZ color 76.8484, 92.1679, 16.5361 looks on a white background.

Color Contrast Check

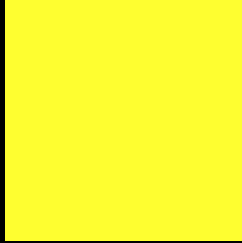
Large Text (above 18pt) WCAG AA × Fail

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 76.8484, 92.1679, 16.5361 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 76.8484, 92.1679, 16.5361

Background



This preview shows how black text looks on a background with the XYZ color 76.8484, 92.1679, 16.5361.



This preview shows how white text looks on a background with the XYZ color 76.8484, 92.1679,

Color Blindness Simulation

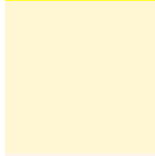
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



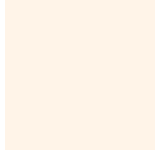
Original Color

76.8484, 92.1679, 16.5361



Protanopia

86.0794, 91.9250, 75.4938



Deuteranopia

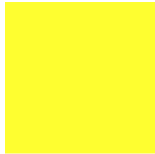
88.1562, 91.7876, 89.4144



Tritanopia

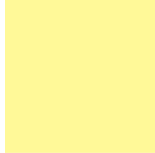
90.3895, 92.2007, 102.6550

Trichromacy



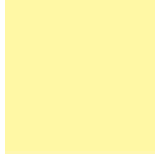
Original Color

76.8484, 92.1679, 16.5361



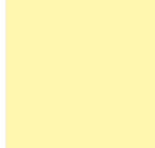
Protanomaly

80.7832, 91.2784, 43.0665



Deuteranomaly

81.5989, 91.1114, 48.8828



Tritanomaly

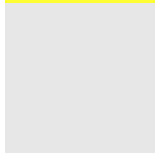
82.3372, 90.9161, 54.2832

Monochromacy



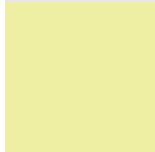
Original Color

76.8484, 92.1679, 16.5361



Achromatopsia

75.9547, 79.9103, 87.0223



Achromatomaly

73.1639, 82.7641, 47.2409

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.8484, 92.1679, 16.5361 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(254, 254, 48)` looks like.

```
.text, #text, p{  
    color:rgb(254, 254, 48)  
}
```

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(254, 254, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 254, 48) }
```

Border

The CSS property to change the border of an element to XYZ 76.8484, 92.1679, 16.5361 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(254, 254, 48) }
```


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

```
.border{ border-color:rgb(254, 254, 48) }
```

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

Here you see how a box with a 4 pixel rgb(254, 254, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 254, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 254, 48);  
box-shadow:4px 4px 4px 4px rgb(254, 254,  
48) }
```

Background

The CSS property to change the background color of an element to XYZ 76.8484, 92.1679, 16.5361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 254, 48) }
```

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

```
.background{ background-color: rgb(254,  
254, 48) }
```

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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