

Converting Colors

XYZ(76.8692, 92.4403, 14.9952)

Have a look what the booklet for
XYZ(76.8692, 92.4403, 14.9952)
contains.

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Color

**XYZ(76.5492, 92.0482,
14.9608)**

Conversions

Conversions Part 1

Format	Color
Hex	FEFE1E
RGB	254, 254, 30
RGB Percent	100%, 100%, 12%
CMY	0.0039, 0.0039, 0.8823
CMYK	0.00, 0.00, 0.88, 0.00
HSL	60°, 99%, 56%
HSV	60°, 88%, 100%
XYZ	76.5492, 92.0482, 14.9608
YIQ	228.4640, 71.9040, -69.6640

Conversions

Conversions Part 2

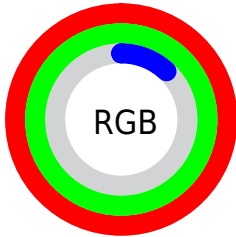
Format	Color
R _Y B	30, 254, 30
Decimal	16711198
CIE Lab	96.84, -21.18, 91.35
CIE LCh	97, 93.772, 103.055
Yxy	92.0482, 0.4170, 0.5015
Android (android.graphics.Color)	4294901278 (0xFFFEFE1E)
YUV	228.4640, -97.8428, 22.3951
Hunter-Lab	95.9418, -25.4780, 57.9138

Details

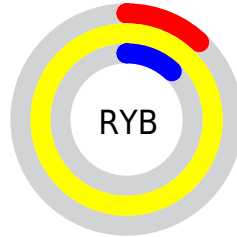
The XYZ color **76.5492, 92.0482, 14.9608** is a light color, and the websafe version is hex **FFFF00**. The color can be described as light washed yellow. A complement of this color would be **18.8914, 8.3620, 94.3901**, and the grayscale version is **74.7445, 78.6371, 85.6358**.

A 20% lighter version of the original color is **79.5498, 93.7999, 27.2771**, and **42.1864, 51.7256, 7.7606** is the 20% darker color. If you saturate the color by 10%, you get **76.3417, 91.9686, 13.8607**, and if you desaturate by 10%, it is **77.0167, 92.2387, 17.4118**.

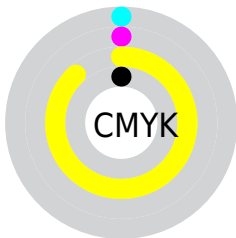
Distribution



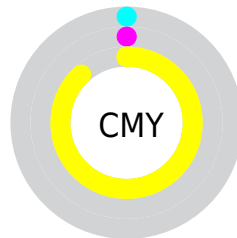
- Red (100%)
- Green (100%)
- Blue (12%)



- Red (12%)
- Yellow (100%)
- Blue (12%)



- Cyan (0%)
- Magenta (0%)
- Yellow (88%)
- Black (0%)





- Cyan (0%)
- Magenta (0%)
- Yellow (88%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.5492, 92.0482, 14.9608 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 76.5492, 92.0482, 14.9608 by changing the saturation by 10% instead.


 76.5492, 92.0482,
14.9608


 76.5492, 92.0482,
14.9608


472.1412,
534.6713, 234.7614

 57.1816, 69.6807,
8.6456


 127.4792,
150.1802, 35.5257

 41.3918, 51.2662,
4.4171


 159.7722,
186.7134, 50.6125

 28.8143, 36.4205,
1.8568


 197.1045,
228.7374, 69.4602

 19.0840, 24.7592,
0.4651

 239.8413,
276.6364, 92.4873

 11.8354, 15.8977,
0.0000

 288.3480,
330.7949, 120.1125

 6.7031, 9.4518,
0.0000

342.9900,

 3.3218, 5.0370,

391.5973, 152.7542

0.0000

404.1326,
459.4280, 190.8310

■ 1.3261, 2.2690,
0.0000

■ 0.2026, 0.7572,
0.0000

■ 76.5492, 92.0482,
14.9608

■ 76.5492, 92.0482,
14.9608

■ 76.3417, 91.9686,
13.8607

■ 77.0167, 92.2387,
17.4118

■ 76.3163, 91.9585,
13.7275

■ 77.7958, 92.5504,
21.5127

■ 78.9306, 93.0044,
27.4871

■ 80.4569, 93.6149,
35.5227

82.4059, 94.3946,
45.7843

84.8058, 95.3545,
58.4202

87.6823, 96.5052,
73.5658

91.0592, 97.8560,
91.3465

94.3697, 99.1802,
108.7776

Harmonies

Analogous

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



103.0816, 92.0482, 15.6888



76.5492, 92.0482, 14.9608



57.2903, 92.0482, 27.2472

Triad

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



76.5492, 92.0482, 14.9608



55.4782, 92.0482, 235.2899



145.3707, 92.0482, 148.6741

Complementary

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



76.5492, 92.0482, 14.9608



18.8914, 8.3620, 94.3901

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.



126.7819, 92.0482, 247.7919



76.5492, 92.0482, 14.9608



73.5540, 92.0482, 312.5954

Square

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



76.5492, 92.0482, 14.9608



46.8730, 92.0482, 136.6542



99.4245, 92.0482, 318.0620



146.6214, 92.0482, 70.9237

Rectangle

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



76.5492, 92.0482, 14.9608



49.6885, 92.0482, 47.8541



99.4245, 92.0482, 318.0620



140.7951, 92.0482, 181.2806

Sweetspot

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



76.5513, 92.0525, 14.9627



86.1519, 96.4407, 62.0478



41.5749, 22.0954, 3.3030



18.2414, 20.5628, 12.2347



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.



76.5513, 92.0525, 14.9627



76.9967, 92.7783, 13.8498



46.8360, 76.7337, 13.5720



19.5612, 21.0908, 19.1843



40.2325, 48.4787, 7.2368



3.9173, 4.7202, 0.7046

Inverse Universe

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



18.8914, 8.3620, 94.3901



18.0501, 7.2201, 95.0500



29.5126, 13.8375, 94.8872



17.0032, 17.3778, 22.7080



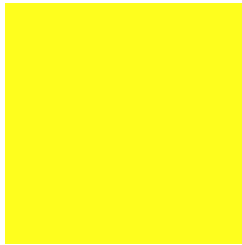
9.4316, 3.7726, 49.6657



0.9183, 0.3673, 4.8358

Previews

White Background



This preview shows how the XYZ color 76.5492, 92.0482, 14.9608 looks on a white background.

Color Contrast Check

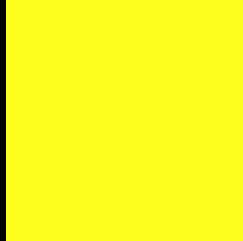
Large Text (above 18pt) WCAG AA × Fail

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 76.5492, 92.0482, 14.9608 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 76.5492, 92.0482, 14.9608

Background



This preview shows how black text looks on a background with the XYZ color 76.5492, 92.0482, 14.9608.

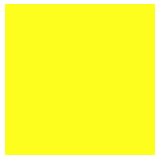


This preview shows how white text looks on a background with the XYZ color 76.5492, 92.0482,

Color Blindness Simulation

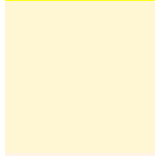
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



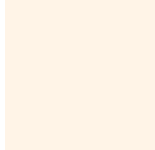
Original Color

76.5492, 92.0482, 14.9608



Protanopia

86.0794, 91.9250, 75.4938



Deuteranopia

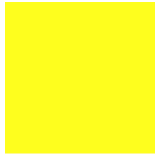
88.0145, 91.7309, 88.6683



Tritanopia

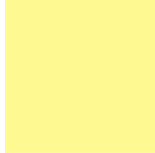
90.0910, 91.6038, 102.5555

Trichromacy



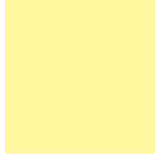
Original Color

76.5492, 92.0482, 14.9608



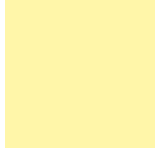
Protanomaly

80.3040, 91.0867, 40.5431



Deuteranomaly

80.9790, 90.8634, 45.6181



Tritanomaly

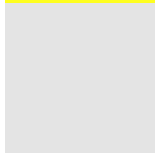
81.3572, 90.0361, 50.6268

Monochromacy



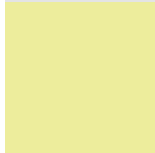
Original Color

76.5492, 92.0482, 14.9608



Achromatopsia

73.7419, 77.5822, 84.4870



Achromatomaly

71.2100, 80.9732, 43.3287

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.5492, 92.0482, 14.9608 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, 30)` looks like.

```
.text, #text, p{  
    color:rgb(254, 254, 30)  
}
```

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, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 254, 30) }
```

Border

The CSS property to change the border of an element to XYZ 76.5492, 92.0482, 14.9608 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, 30) }
```


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

```
.border{ border-color:rgb(254, 254, 30) }
```

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, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 254, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 254, 30);  
box-shadow:4px 4px 4px 4px rgb(254, 254,  
30) }
```

Background

The CSS property to change the background color of an element to XYZ 76.5492, 92.0482, 14.9608 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, 30) }
```

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

```
.background{ background-color: rgb(254,  
254, 30) }
```

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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