

Converting Colors

XYZ(76.4568, 92.0137, 14.4998)

Have a look what the booklet for
XYZ(76.4568, 92.0137, 14.4998)
contains.

XYZ(76.4597, 92.0124, 14.4894)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(76.4597, 92.0124,
14.4894)**

Conversions

Conversions Part 1

Format	Color
Hex	FEFE16
RGB	254, 254, 22
RGB Percent	100%, 100%, 9%
CMY	0.0039, 0.0039, 0.9136
CMYK	0.00, 0.00, 0.91, 0.00
HSL	60°, 99%, 54%
HSV	60°, 91%, 100%
XYZ	76.4597, 92.0124, 14.4894
YIQ	227.5520, 74.4720, -72.1520

Conversions

Conversions Part 2

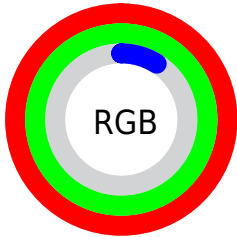
Format	Color
RYB	22, 254, 22
Decimal	16711190
CIELab	96.83, -21.30, 92.42
CIElCh	97, 94.841, 102.979
Yxy	92.0124, 0.4179, 0.5029
Android (android.graphics.Color)	4294901270 (0xFFFEFE16)
YUV	227.5520, -101.3371, 23.1949
Hunter-Lab	95.9231, -25.5842, 58.1903

Details

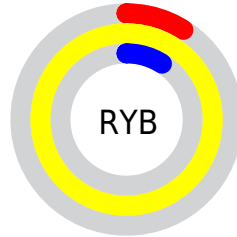
The XYZ color **76.4597, 92.0124, 14.4894** is a light color, and the websafe version is hex **FFFF00**. The color can be described as light washed yellow. A complement of this color would be **18.5094, 7.9018, 94.3214**, and the grayscale version is **74.0981, 77.9570, 84.8951**.

A 20% lighter version of the original color is **79.3490, 93.7196, 26.2195**, and **42.1864, 51.7256, 7.7606** is the 20% darker color. If you saturate the color by 10%, you get **76.3165, 91.9585, 13.7275**, and if you desaturate by 10%, it is **76.8387, 92.1675, 16.4747**.

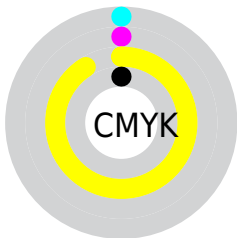
Distribution



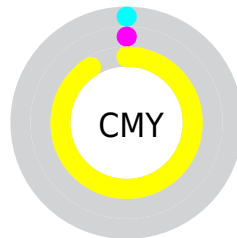
- Red (100%)
- Green (100%)
- Blue (9%)



- Red (9%)
- Yellow (100%)
- Blue (9%)



- Cyan (0%)
- Magenta (0%)
- Yellow (91%)
- Black (0%)





- Cyan (0%)
- Magenta (0%)
- Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.4597, 92.0124, 14.4894 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 76.4597, 92.0124, 14.4894 by changing the saturation by 10% instead.


 76.4597, 92.0124,
14.4894

 76.4597, 92.0124,
14.4894


471.8401,
534.5556, 231.7878

 57.1079, 69.6509,
8.3192


 127.3534,
150.1306, 34.6844

 41.3324, 51.2420,
4.2092


 159.6260,
186.6561, 49.5464


 28.7677, 36.4012,
1.7408


 196.9363,
228.6717, 68.1427

 19.0486, 24.7442,
0.3885

 239.6496,
276.5619, 90.8918

 11.8096, 15.8866,
0.0000

 288.1313,
330.7109, 118.2123

 6.6854, 9.4440,
0.0000

342.7467,

 3.3107, 5.0319,

391.5033, 150.5228

0.0000

403.8612,
459.3234, 188.2418

■ 1.3201, 2.2660,
0.0000

■ 0.1982, 0.7556,
0.0000

■ 76.4597, 92.0124,
14.4894

■ 76.4597, 92.0124,
14.4894


■ 76.3165, 91.9585,
13.7275


■ 76.8387, 92.1675,
16.4747


■ 77.5142, 92.4377,
20.0298


■ 78.5330, 92.8453,
25.3930

■ 79.9325, 93.4051,
32.7612

 81.7453, 94.1303,
42.3056

 84.0004, 95.0324,
54.1791

 86.7242, 96.1219,
68.5209

 89.9411, 97.4087,
85.4594

 93.6738, 98.9018,
105.1138

Harmonies

Analogous

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



103.3042, 92.0124, 15.2392



76.4597, 92.0124, 14.4894



57.0056, 92.0124, 26.6721

Triad

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



76.4597, 92.0124, 14.4894



55.1082, 92.0124, 236.9656



146.0705, 92.0124, 149.4947

Complementary

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



76.4597, 92.0124, 14.4894



18.5094, 7.9018, 94.3214

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.



127.1794, 92.0124, 250.1804



76.4597, 92.0124, 14.4894



73.3159, 92.0124, 315.7760

Square

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



76.4597, 92.0124, 14.4894



46.4707, 92.0124, 136.8311



99.4570, 92.0124, 321.5628



147.3896, 92.0124, 70.7477

Rectangle

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



76.4597, 92.0124, 14.4894



49.3344, 92.0124, 47.2687



99.4570, 92.0124, 321.5628



141.4133, 92.0124, 182.5964

Sweetspot

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



76.4618, 92.0167, 14.4913



85.8780, 96.3311, 60.6055



41.3080, 21.7049, 2.7725



18.1890, 20.5419, 11.9590



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.



76.4618, 92.0167, 14.4913



76.9968, 92.7784, 13.8499



46.0728, 76.3506, 13.0691



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.



18.5094, 7.9018, 94.3214



18.0501, 7.2201, 95.0500



28.6616, 13.1355, 94.7965



17.0032, 17.3778, 22.7080



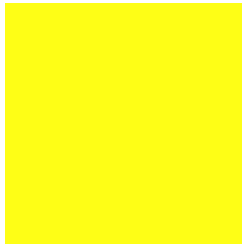
9.4316, 3.7726, 49.6657



0.9183, 0.3673, 4.8358

Previews

White Background



This preview shows how the XYZ color 76.4597, 92.0124, 14.4894 looks on a white background.

Color Contrast Check

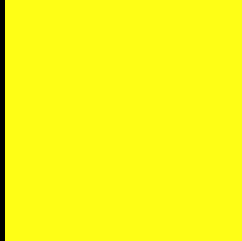
Large Text (above 18pt) WCAG AA × Fail

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 76.4597, 92.0124, 14.4894 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 76.4597, 92.0124, 14.4894

Background



This preview shows how black text looks on a background with the XYZ color 76.4597, 92.0124, 14.4894.



This preview shows how white text looks on a background with the XYZ color 76.4597, 92.0124,

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



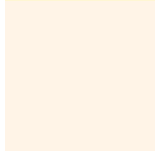
Original Color

76.4597, 92.0124, 14.4894



Protanopia

85.9536, 91.8747, 74.8314



Deuteranopia

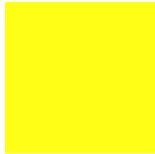
88.0145, 91.7309, 88.6683



Tritanopia

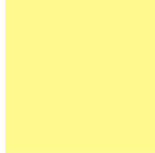
90.0910, 91.6038, 102.5555

Trichromacy



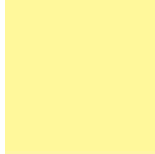
Original Color

76.4597, 92.0124, 14.4894



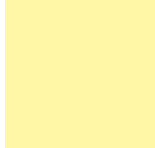
Protanomaly

79.9982, 90.9644, 38.9327



Deuteranomaly

80.7238, 90.7614, 44.2744



Tritanomaly

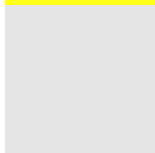
81.0787, 89.9247, 49.1603

Monochromacy



Original Color

76.4597, 92.0124, 14.4894



Achromatopsia

73.7419, 77.5822, 84.4870



Achromatomaly

70.9590, 80.8728, 42.0071

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.4597, 92.0124, 14.4894 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, 22)` looks like.

```
.text, #text, p{  
    color:rgb(254, 254, 22)  
}
```

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, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 254, 22) }
```

Border

The CSS property to change the border of an element to XYZ 76.4597, 92.0124, 14.4894 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, 22) }
```


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

```
.border{ border-color:rgb(254, 254, 22) }
```

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, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 254, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 254, 22);  
box-shadow:4px 4px 4px 4px rgb(254, 254,  
22) }
```

Background

The CSS property to change the background color of an element to XYZ 76.4597, 92.0124, 14.4894 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, 22) }
```

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

```
.background{ background-color: rgb(254,  
254, 22) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor