

Converting Colors

XYZ(76.8566, 92.4403, 14.9536)

Have a look what the booklet for
XYZ(76.8566, 92.4403, 14.9536)
contains.

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Color

**XYZ(76.5366, 92.0432,
14.8946)**

Conversions

Conversions Part 1

Format	Color
Hex	FEFE1D
RGB	254, 254, 29
RGB Percent	100%, 100%, 11%
CMY	0.0039, 0.0039, 0.8862
CMYK	0.00, 0.00, 0.89, 0.00
HSL	60°, 99%, 55%
HSV	60°, 89%, 100%
XYZ	76.5366, 92.0432, 14.8946
YIQ	228.3500, 72.2250, -69.9750

Conversions

Conversions Part 2

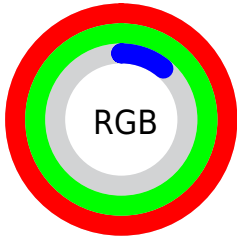
Format	Color
RYB	29, 254, 29
Decimal	16711197
CIELab	96.84, -21.20, 91.50
CIELCh	97, 93.921, 103.044
Yxy	92.0432, 0.4172, 0.5017
Android (android.graphics.Color)	4294901277 (0xFFFEFE1D)
YUV	228.3500, -98.2796, 22.4951
Hunter-Lab	95.9391, -25.4930, 57.9526

Details

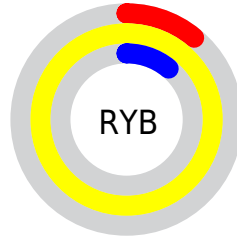
The XYZ color **76.5366, 92.0432, 14.8946** is a light color, and the websafe version is hex **FFFF00**. The color can be described as light washed yellow. A complement of this color would be **18.8377, 8.2974, 94.3805**, and the grayscale version is **74.6635, 78.5518, 85.5430**.

A 20% lighter version of the original color is **79.4987, 93.7795, 27.0079**, and **42.1864, 51.7256, 7.7606** is the 20% darker color. If you saturate the color by 10%, you get **76.3362, 91.9665, 13.8318**, and if you desaturate by 10%, it is **76.9928, 92.2292, 17.2858**.

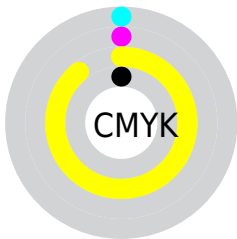
Distribution



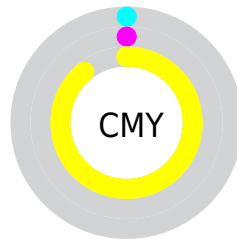
- Red (100%)
- Green (100%)
- Blue (11%)



- Red (11%)
- Yellow (100%)
- Blue (11%)



- Cyan (0%)
- Magenta (0%)
- Yellow (89%)
- Black (0%)





- Cyan (0%)
- Magenta (0%)
- Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.5366, 92.0432, 14.8946 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 76.5366, 92.0432, 14.8946 by changing the saturation by 10% instead.


 76.5366, 92.0432,
14.8946


 76.5366, 92.0432,
14.8946


472.0988,
534.6551, 234.3461

 57.1712, 69.6765,
8.5996


 127.4615,
150.1733, 35.4079

 41.3834, 51.2629,
4.3878


 159.7516,
186.7054, 50.4632


 28.8078, 36.4178,
1.8404


 197.0808,
228.7282, 69.2758

 19.0790, 24.7571,
0.4544

 239.8143,
276.6260, 92.2642

 11.8317, 15.8962,
0.0000

 288.3175,
330.7832, 119.8469

 6.7006, 9.4507,
0.0000

342.9558,

 3.3202, 5.0363,

391.5842, 152.4424

0.0000

404.0944,
459.4134, 190.4693

■ 1.3253, 2.2686,
0.0000

■ 0.2020, 0.7570,
0.0000

■ 76.5366, 92.0432,
14.8946

■ 76.5366, 92.0432,
14.8946

■ 76.3362, 91.9665,
13.8318


■ 76.9928, 92.2292,
17.2858


■ 76.3163, 91.9585,
13.7275


■ 77.7587, 92.5356,
21.3173


■ 78.8788, 92.9837,
27.2142

■ 80.3891, 93.5878,
35.1655

 82.3209, 94.3606,
45.3366

 84.7026, 95.3133,
57.8764

 87.5599, 96.4562,
72.9209

 90.9166, 97.7990,
90.5957

94.3697, 99.1803,
108.7776

Harmonies

Analogous

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



103.1124, 92.0432, 15.6256



76.5366, 92.0432, 14.8946



57.2505, 92.0432, 27.1667

Triad

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



76.5366, 92.0432, 14.8946



55.4266, 92.0432, 235.5231



145.4680, 92.0432, 148.7876

Complementary

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



76.5366, 92.0432, 14.8946



18.8377, 8.2974, 94.3805

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.



126.8373, 92.0432, 248.1230



76.5366, 92.0432, 14.8946



73.5209, 92.0432, 313.0370

Square

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



76.5366, 92.0432, 14.8946



46.8169, 92.0432, 136.6792



99.4291, 92.0432, 318.5476



146.7281, 92.0432, 70.8989

Rectangle

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



76.5366, 92.0432, 14.8946



49.6390, 92.0432, 47.7725



99.4291, 92.0432, 318.5476



140.8811, 92.0432, 181.4629

Sweetspot

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



76.5387, 92.0475, 14.8965



85.8780, 96.3311, 60.6055



41.5374, 22.0406, 3.2285



18.1890, 20.5418, 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.



76.5387, 92.0475, 14.8965



76.9966, 92.7783, 13.8498



46.7379, 76.6846, 13.5018



19.5612, 21.0908, 19.1843



40.2324, 48.4787, 7.2368



3.9173, 4.7202, 0.7046

Inverse Universe

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



18.8377, 8.2974, 94.3805



18.0501, 7.2201, 95.0500



29.4022, 13.7436, 94.8749



17.0032, 17.3778, 22.7080



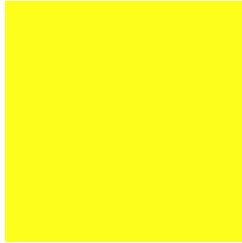
9.4316, 3.7727, 49.6657



0.9183, 0.3673, 4.8358

Previews

White Background



This preview shows how the XYZ color 76.5366, 92.0432, 14.8946 looks on a white background.

Color Contrast Check

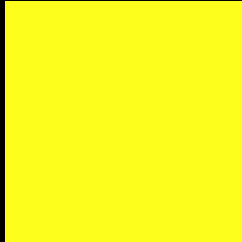
Large Text (above 18pt) WCAG AA × Fail

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 76.5366, 92.0432, 14.8946 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 76.5366, 92.0432, 14.8946

Background



This preview shows how black text looks on a background with the XYZ color 76.5366, 92.0432, 14.8946.



This preview shows how white text looks on a background with the XYZ color 76.5366, 92.0432,

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



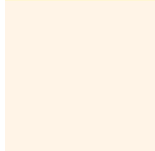
Original Color

76.5366, 92.0432, 14.8946



Protanopia

86.0794, 91.9250, 75.4938



Deuteranopia

88.0145, 91.7309, 88.6683



Tritanopia

90.0910, 91.6038, 102.5555

Trichromacy



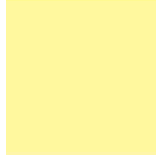
Original Color

76.5366, 92.0432, 14.8946



Protanomaly

80.2265, 91.0557, 40.1352



Deuteranomaly

80.9790, 90.8634, 45.6181



Tritanomaly

81.3572, 90.0361, 50.6268

Monochromacy



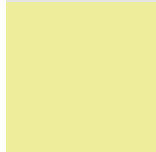
Original Color

76.5366, 92.0432, 14.8946



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 76.5366, 92.0432, 14.8946 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, 29)` looks like.

```
.text, #text, p{  
    color:rgb(254, 254, 29)  
}
```

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, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 254, 29) }
```

Border

The CSS property to change the border of an element to XYZ 76.5366, 92.0432, 14.8946 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, 29) }
```


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

```
.border{ border-color:rgb(254, 254, 29) }
```

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, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 254, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 254, 29);  
box-shadow:4px 4px 4px 4px rgb(254, 254,  
29) }
```

Background

The CSS property to change the background color of an element to XYZ 76.5366, 92.0432, 14.8946 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, 29) }
```

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

```
.background{ background-color: rgb(254,  
254, 29) }
```

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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