

Converting Colors

XYZ(75.6945, 89.8771, 14.3167)

Have a look what the booklet for
XYZ(75.6945, 89.8771, 14.3167)
contains.

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Color

**XYZ(75.6121, 89.7058,
14.3071)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFA1A
RGB	255, 250, 26
RGB Percent	100%, 98%, 10%
CMY	0.0000, 0.0196, 0.8980
CMYK	0.00, 0.02, 0.90, 0.00
HSL	59°, 100%, 55%
HSV	59°, 90%, 100%
XYZ	75.6121, 89.7058, 14.3071
YIQ	225.9590, 74.8840, -68.6040

Conversions

Conversions Part 2

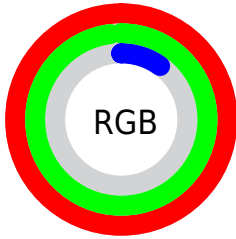
Format	Color
R _Y B	31, 255, 26
Decimal	16775706
CIE Lab	95.87, -18.93, 91.21
CIE LCh	96, 93.152, 101.723
Yxy	89.7058, 0.4209, 0.4994
Android (android.graphics.Color)	4294965786 (0xFFFFFA1A)
YUV	225.9590, -98.5798, 25.4690
Hunter-Lab	94.7131, -23.2466, 57.3430

Details

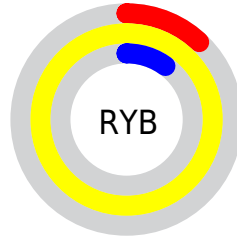
The XYZ color **75.6121, 89.7058, 14.3071** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **18.9667, 8.4204, 95.2327**, and the grayscale version is **72.9154, 76.7127, 83.5401**.

A 20% lighter version of the original color is **79.3983, 93.7393, 26.4791**, and **41.5399, 50.0529, 7.4718** is the 20% darker color. If you saturate the color by 10%, you get **75.2578, 89.2915, 13.2834**, and if you desaturate by 10%, it is **76.2096, 90.2250, 16.5909**.

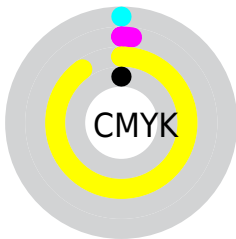
Distribution



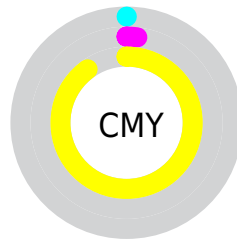
- Red (100%)
- Green (98%)
- Blue (10%)



- Red (12%)
- Yellow (100%)
- Blue (10%)



- Cyan (0%)
- Magenta (2%)
- Yellow (90%)
- Black (0%)





- Cyan (0%)
- Magenta (2%)
- Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.6121, 89.7058, 14.3071 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 75.6121, 89.7058, 14.3071 by changing the saturation by 10% instead.


 75.6121, 89.7058,
14.3071

 75.6121, 89.7058,
14.3071


468.9836,
527.0734, 230.6275

 56.4104, 67.7367,
8.1934


 126.1617,
146.9297, 34.3579

 40.7704, 49.6835,
4.1294


 158.2404,
182.9532, 49.1320


 28.3266, 35.1620,
1.6966


 195.3421,
224.4303, 67.6301

 18.7137, 23.7877,
0.3584

 237.8322,
271.7454, 90.2705

 11.5664, 15.1762,
0.0000

 286.0760,
325.2828, 117.4720

 6.5192, 8.9431,
0.0000

340.4390,

 3.2069, 4.7041,

385.4270, 149.6529

0.0000

401.2864,
452.5624, 187.2319

■ 1.2641, 2.0747,
0.0000

■ 0.1561, 0.6504,
0.0000

■ 75.6121, 89.7058,
14.3071

■ 75.6121, 89.7058,
14.3071

■ 75.2578, 89.2915,
13.2834

■ 76.2096, 90.2250,
16.5909

■ 75.2514, 89.2833,
13.2672

■ 77.1143, 90.8646,
20.4991

■ 78.3722, 91.6462,
26.2648

■ 80.0202, 92.5847,
34.0820

■ 82.0905, 93.6929,
44.1204

■ 84.6119, 94.9824,
56.5320

■ 87.6109, 96.4637,
71.4557

■ 91.1116, 98.1466,
89.0192

95.0497, 99.9999,
108.9000

Harmonies

Analogous

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



101.7165, 89.7058, 15.5025



75.6121, 89.7058, 14.3071



56.4243, 89.7058, 25.5508

Triad

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



75.6121, 89.7058, 14.3071



53.4449, 89.7058, 225.3677



141.3141, 89.7058, 149.1149

Complementary

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



75.6121, 89.7058, 14.3071



18.9667, 8.4204, 95.2327

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.



122.5566, 89.7058, 245.9394



75.6121, 89.7058, 14.3071



70.6864, 89.7058, 303.0852

Square

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



75.6121, 89.7058, 14.3071



45.4557, 89.7058, 129.3401



95.7013, 89.7058, 312.0811



143.3717, 89.7058, 71.6511

Rectangle

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



75.6121, 89.7058, 14.3071



48.7305, 89.7058, 44.8032



95.7013, 89.7058, 312.0811



136.6007, 89.7058, 181.2204

Sweetspot

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



75.6141, 89.7100, 14.3089



85.4019, 95.3775, 60.4466



41.8933, 22.1130, 3.5474



18.0743, 20.3121, 11.9207



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.



75.6141, 89.7100, 14.3089



75.2520, 89.2839, 13.2673



48.1849, 77.9033, 13.4757



19.5253, 21.0187, 19.1723



39.3361, 46.6835, 6.9376



3.8404, 4.5662, 0.6789

Inverse Universe

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



18.9667, 8.4204, 95.2327



18.1103, 7.3407, 95.0701



28.0732, 12.9362, 95.6244



17.0348, 17.4411, 22.7186



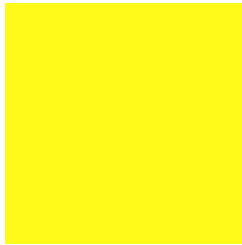
9.4768, 3.8631, 49.6808



0.9334, 0.3975, 4.8408

Previews

White Background



This preview shows how the XYZ color 75.6121, 89.7058, 14.3071 looks on a white background.

Color Contrast Check

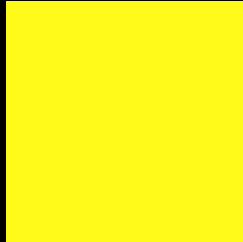
Large Text (above 18pt) WCAG AA × Fail

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 75.6121, 89.7058, 14.3071 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 75.6121, 89.7058, 14.3071

Background



This preview shows how black text looks on a background with the XYZ color 75.6121, 89.7058, 14.3071.



This preview shows how white text looks on a background with the XYZ color 75.6121, 89.7058,

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



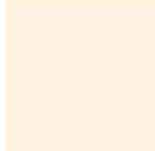
Original Color

75.6121, 89.7058, 14.3071



Protanopia

83.3686, 89.3924, 65.6838



Deuteranopia

86.1498, 89.5524, 83.2658



Tritanopia

88.7411, 89.6468, 99.8152

Trichromacy



Original Color

75.6121, 89.7058, 14.3071



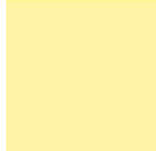
Protanomaly

78.5689, 88.9208, 35.9441



Deuteranomaly

79.2582, 88.2284, 42.5582



Tritanomaly

80.1735, 88.1144, 48.8586

Monochromacy



Original Color

75.6121, 89.7058, 14.3071



Achromatopsia

72.2879, 76.0525, 82.8211



Achromatomaly

70.3832, 79.7211, 41.8151

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.6121, 89.7058, 14.3071 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(255, 250, 26)` looks like.

```
.text, #text, p{  
    color:rgb(255, 250, 26)  
}
```

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(255, 250, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 250, 26) }
```

Border

The CSS property to change the border of an element to XYZ 75.6121, 89.7058, 14.3071 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(255, 250, 26) }
```


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

```
.border{ border-color:rgb(255, 250, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 250, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 250, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 250, 26);  
box-shadow:4px 4px 4px 4px rgb(255, 250,  
26) }
```

Background

The CSS property to change the background color of an element to XYZ 75.6121, 89.7058, 14.3071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 250, 26) }
```

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

```
.background{ background-color: rgb(255,  
250, 26) }
```

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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