

Converting Colors

XYZ(75.3180, 89.4095, 13.3096)

Have a look what the booklet for
XYZ(75.3180, 89.4095, 13.3096)
contains.

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Color

**XYZ(75.4311, 89.6334,
13.3541)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFA01
RGB	255, 250, 1
RGB Percent	100%, 98%, 0%
CMY	0.0000, 0.0196, 0.9959
CMYK	0.00, 0.02, 1.00, 0.00
HSL	59°, 100%, 50%
HSV	59°, 100%, 100%
XYZ	75.4311, 89.6334, 13.3541
YIQ	223.1090, 82.9090, -76.3790

Conversions

Conversions Part 2

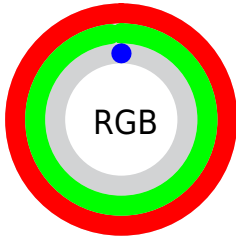
Format	Color
RYB	6, 255, 1
Decimal	16775681
CIELab	95.84, -19.17, 93.47
CIELCh	96, 95.412, 101.589
Yxy	89.6334, 0.4228, 0.5024
Android (android.graphics.Color)	4294965761 (0xFFFFFA01)
YUV	223.1090, -109.4997, 27.9684
Hunter-Lab	94.6749, -23.4634, 57.9095

Details

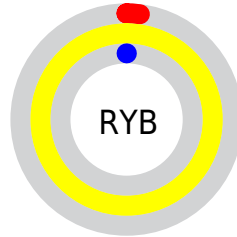
The XYZ color **75.4311, 89.6334, 13.3541** is a light color, and the websafe version is hex **FFFF00**. The color can be described as light saturated yellow. A complement of this color would be **18.1284, 7.3576, 95.0717**, and the grayscale version is **70.9352, 74.6293, 81.2713**.

A 20% lighter version of the original color is **79.0656, 93.6062, 24.7271**, and **41.2841, 49.9210, 7.4598** is the 20% darker color. If you saturate the color by 10%, you get **75.4211, 89.6226, 13.3238**, and if you desaturate by 10%, it is **75.7760, 90.0243, 14.3919**.

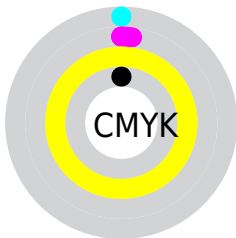
Distribution



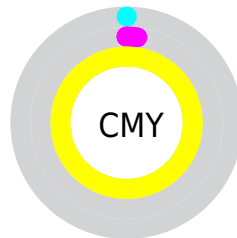
- Red (100%)
- Green (98%)
- Blue (0%)



- Red (2%)
- Yellow (100%)
- Blue (0%)



- Cyan (0%)
- Magenta (2%)
- Yellow (100%)
- Black (0%)





- Cyan (0%)
- Magenta (2%)
- Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.4311, 89.6334, 13.3541 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 75.4311, 89.6334, 13.3541 by changing the saturation by 10% instead.


 75.4311, 89.6334,
13.3541

 75.4311, 89.6334,
13.3541


468.3724,
526.8376, 224.4617


 56.2616, 67.6766,
7.5392


 125.9071,
146.8291, 32.6390

 40.6505, 49.6347,
3.7181


 157.9442,
182.8367, 46.9460


 28.2325, 35.1232,
1.4720


 195.0012,
224.2969, 64.9209

 18.6424, 23.7578,
0.1969

 237.4435,
271.5938, 86.9822

 11.5146, 15.1541,
0.0000

 285.6364,
325.1119, 113.5484

 6.4839, 8.9276,
0.0000

 339.9453,

 3.1849, 4.6940,

385.2357, 145.0380

0.0000

400.7355,
452.3494, 181.8696

■ 1.2523, 2.0689,
0.0000

■ 0.1471, 0.6470,
0.0000

■ 75.4311, 89.6334,
13.3541

■ 75.4311, 89.6334,
13.3541


■ 75.4211, 89.6226,
13.3238


■ 75.7760, 90.0243,
14.3919


■ 76.3605, 90.5084,
16.6988


■ 77.2553, 91.1172,
20.6372


■ 78.5040, 91.8682,
26.4373

 80.1434, 92.7762,
34.2925

 82.2056, 93.8540,
44.3722

 84.7194, 95.1131,
56.8281

 87.7111, 96.5640,
71.7986

 91.2051, 98.2164,
89.4115

Harmonies

Analogous

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



102.1893, 89.6334, 14.5743



75.4311, 89.6334, 13.3541



55.8356, 89.6334, 24.3961

Triad

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



75.4311, 89.6334, 13.3541



52.6851, 89.6334, 228.7935



142.7644, 89.6334, 150.8719

Complementary

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



75.4311, 89.6334, 13.3541



18.1284, 7.3576, 95.0717

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.



123.3740, 89.6334, 250.9875



75.4311, 89.6334, 13.3541



70.1957, 89.6334, 309.6720

Square

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



75.4311, 89.6334, 13.3541



44.6281, 89.6334, 129.6854



95.7646, 89.6334, 319.4071



144.9738, 89.6334, 71.2907

Rectangle

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



75.4311, 89.6334, 13.3541



47.9986, 89.6334, 43.6218



95.7646, 89.6334, 319.4071



137.8787, 89.6334, 184.0225

Sweetspot

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



75.4331, 89.6376, 13.3559



84.6083, 95.0587, 56.2720



41.3030, 21.3033, 2.2080



17.8724, 20.2287, 10.8656



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.



75.4331, 89.6376, 13.3559



75.4217, 89.6233, 13.3239



45.9977, 76.7967, 12.4288



19.5288, 21.0258, 19.1734



39.4234, 46.8579, 6.9667



3.8479, 4.5812, 0.6814

Inverse Universe

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



18.1284, 7.3576, 95.0717



18.1044, 7.3288, 95.0681



25.7452, 11.2038, 95.4126



17.0316, 17.4349, 22.7176



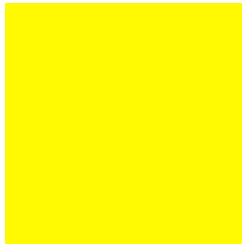
9.4723, 3.8542, 49.6793



0.9319, 0.3945, 4.8403

Previews

White Background



This preview shows how the XYZ color 75.4311, 89.6334, 13.3541 looks on a white background.

Color Contrast Check

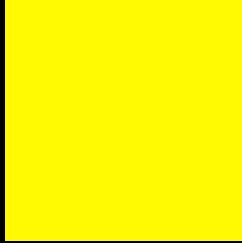
Large Text (above 18pt) WCAG AA × Fail

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 75.4311, 89.6334, 13.3541 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 75.4311, 89.6334, 13.3541

Background



This preview shows how black text looks on a background with the XYZ color 75.4311, 89.6334, 13.3541.

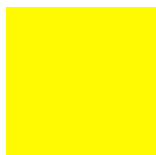


This preview shows how white text looks on a background with the XYZ color 75.4311, 89.6334,

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



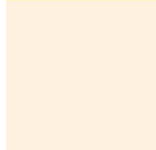
Original Color

75.4311, 89.6334, 13.3541



Protanopia

83.3686, 89.3924, 65.6838



Deuteranopia

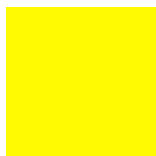
86.1498, 89.5524, 83.2658



Tritanopia

88.7411, 89.6468, 99.8152

Trichromacy



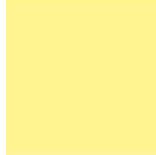
Original Color

75.4311, 89.6334, 13.3541



Protanomaly

77.9617, 88.6779, 32.7462



Deuteranomaly

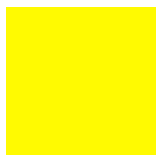
78.5486, 87.9445, 38.8216



Tritanomaly

79.3764, 87.7955, 44.6609

Monochromacy



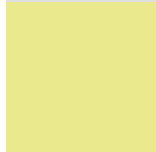
Original Color

75.4311, 89.6334, 13.3541



Achromatopsia

70.1384, 73.7910, 80.3584



Achromatomaly

68.2823, 77.8930, 37.0272

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.4311, 89.6334, 13.3541 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, 1)` looks like.

```
.text, #text, p{  
    color:rgb(255, 250, 1)  
}
```

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, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 250, 1) }
```

Border

The CSS property to change the border of an element to XYZ 75.4311, 89.6334, 13.3541 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, 1) }
```


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

```
.border{ border-color:rgb(255, 250, 1) }
```

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, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 250, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 250, 1);  
box-shadow:4px 4px 4px 4px rgb(255, 250,  
1) }
```

Background

The CSS property to change the background color of an element to XYZ 75.4311, 89.6334, 13.3541 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, 1) }
```

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

```
.background{ background-color: rgb(255,  
250, 1) }
```

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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