

Converting Colors

XYZ(74.3863, 86.6745, 15.7106)

Have a look what the booklet for
XYZ(74.3863, 86.6745, 15.7106)
contains.

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Color

**XYZ(74.4468, 86.7866,
15.7334)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF531
RGB	255, 245, 49
RGB Percent	100%, 96%, 19%
CMY	0.0000, 0.0392, 0.8078
CMYK	0.00, 0.04, 0.81, 0.00
HSL	57°, 100%, 60%
HSV	57°, 81%, 100%
XYZ	74.4468, 86.7866, 15.7334
YIQ	225.6460, 68.8760, -58.8360

Conversions

Conversions Part 2

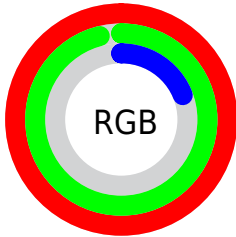
Format	Color
RYB	60, 255, 49
Decimal	16774449
CIELab	94.65, -16.03, 85.82
CIELCh	95, 87.306, 100.580
Yxy	86.7866, 0.4207, 0.4904
Android (android.graphics.Color)	4294964529 (0xFFFFFFFF531)
YUV	225.6460, -87.0865, 25.7435
Hunter-Lab	93.1593, -20.3834, 55.1982

Details

The XYZ color **74.4468, 86.7866, 15.7334** 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 **20.8810, 11.0012, 95.6299**, and the grayscale version is **72.6098, 76.3912, 83.1900**.

A 20% lighter version of the original color is **80.0373, 93.9949, 29.8440**, and **40.4457, 47.8645, 7.1071** is the 20% darker color. If you saturate the color by 10%, you get **73.6810, 85.8868, 13.5320**, and if you desaturate by 10%, it is **75.5230, 87.8212, 19.5396**.

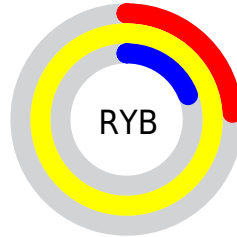
Distribution



Red (100%)

Green (96%)

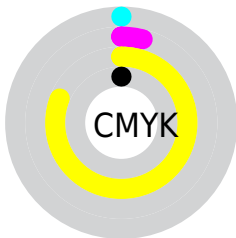
Blue (19%)



Red (24%)

Yellow (100%)

Blue (19%)

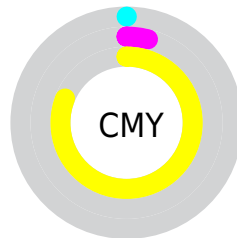


Cyan (0%)

Magenta (4%)

Yellow (81%)

Black (0%)



Cyan (0%)


Magenta (4%)

Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.4468, 86.7866, 15.7334 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 74.4468, 86.7866, 15.7334 by changing the saturation by 10% instead.


 74.4468, 86.7866,
15.7334


 74.4468, 86.7866,
15.7334


465.0405,
517.5214, 239.5551


 55.4524, 65.3186,
9.1834

 124.5211,
142.8667, 36.8951


 39.9993, 47.7195,
4.7626


 156.3316,
178.2475, 52.3438


 27.7222, 33.6048,
2.0523


 193.1450,
219.0348, 71.5959

 18.2557, 22.5902,
0.5872

 235.3264,
265.6129, 95.0699

 11.2346, 14.2912,
0.0000

 283.2414,
318.3662, 123.1842

 6.2933, 8.3235,
0.0000

337.2551,

 3.0666, 4.3026,

377.6792, 156.3575

0.0000

397.7330,
443.9361, 195.0083

■ 1.1891, 1.8442,
0.0000

■ 0.0977, 0.5145,
0.0000

■ 74.4468, 86.7866,
15.7334

■ 74.4468, 86.7866,
15.7334

■ 73.6810, 85.8868,
13.5320


■ 75.5230, 87.8212,
19.5396


■ 73.1795, 85.1395,
12.5766


■ 76.9484, 88.9961,
25.1813

■ 78.7625, 90.3306,
32.8573

■ 80.9979, 91.8376,
42.7393

 83.6837, 93.5288,
54.9810

 86.8466, 95.4149,
69.7222

 90.5110, 97.5056,
87.0917

94.6996, 99.8101,
107.2097

95.0497, 99.9998,
108.9000

Harmonies

Analogous

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



98.4851, 86.7866, 17.3522



74.4468, 86.7866, 15.7334



56.3895, 86.7866, 26.2420

Triad

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



74.4468, 86.7866, 15.7334



52.6445, 86.7866, 206.5091



133.0114, 86.7866, 144.5279

Complementary

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



74.4468, 86.7866, 15.7334



20.8810, 11.0012, 95.6299

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.



115.6049, 86.7866, 231.2467



74.4468, 86.7866, 15.7334



68.3245, 86.7866, 277.2589

Square

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



74.4468, 86.7866, 15.7334



45.4903, 86.7866, 120.3749



91.0885, 86.7866, 288.0015



135.5118, 86.7866, 72.6202

Rectangle

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



74.4468, 86.7866, 15.7334



48.9868, 86.7866, 44.0209



91.0885, 86.7866, 288.0015



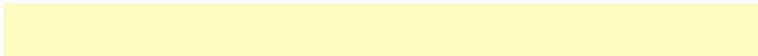
128.5728, 86.7866, 173.6221

Sweetspot

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



74.4488, 86.7907, 15.7352



85.7754, 94.7865, 64.6960



43.1358, 23.7762, 6.4955



18.1183, 20.1444, 12.7238



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.



74.4488, 86.7907, 15.7352



73.3329, 85.3788, 12.8344



51.2764, 79.4545, 15.5405



19.4813, 20.9307, 19.1576



38.2712, 44.5536, 6.5826



3.7487, 4.3827, 0.6484

Inverse Universe

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



20.8810, 11.0012, 95.6299



18.3898, 7.7574, 95.1358



30.2533, 15.1420, 95.9352



17.0737, 17.5190, 22.7316



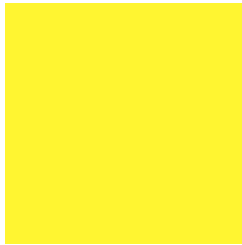
9.5322, 3.9740, 49.6992



0.9519, 0.4345, 4.8470

Previews

White Background



This preview shows how the XYZ color 74.4468, 86.7866, 15.7334 looks on a white background.

Color Contrast Check

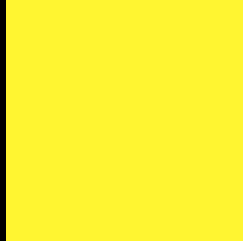
Large Text (above 18pt) WCAG AA × Fail

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 74.4468, 86.7866, 15.7334 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 74.4468, 86.7866, 15.7334

Background



This preview shows how black text looks on a background with the XYZ color 74.4468, 86.7866, 15.7334.



This preview shows how white text looks on a background with the XYZ color 74.4468, 86.7866,

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



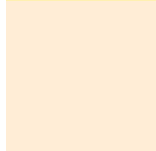
Original Color

74.4468, 86.7866, 15.7334



Protanopia

80.3359, 86.7545, 54.1061



Deuteranopia

83.6618, 86.6834, 75.9405



Tritanopia

86.8405, 86.5767, 96.9280

Trichromacy



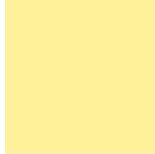
Original Color

74.4468, 86.7866, 15.7334



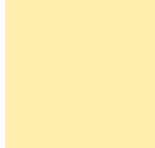
Protanomaly

77.0214, 86.3760, 33.7319



Deuteranomaly

78.2328, 85.9133, 43.0315



Tritanomaly

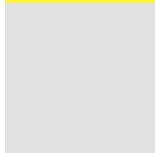
79.2609, 85.3876, 51.3337

Monochromacy



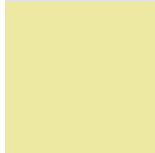
Original Color

74.4468, 86.7866, 15.7334



Achromatopsia

72.2879, 76.0525, 82.8211



Achromatomaly

70.5856, 78.8910, 45.6896

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.4468, 86.7866, 15.7334 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, 245, 49)` looks like.

```
.text, #text, p{  
    color:rgb(255, 245, 49)  
}
```

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, 245, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 245, 49) }
```

Border

The CSS property to change the border of an element to XYZ 74.4468, 86.7866, 15.7334 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, 245, 49) }
```


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

```
.border{ border-color:rgb(255, 245, 49) }
```

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

Here you see how a box with a 4 pixel rgb(255, 245, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 245, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 245, 49);  
box-shadow:4px 4px 4px 4px rgb(255, 245,  
49) }
```

Background

The CSS property to change the background color of an element to XYZ 74.4468, 86.7866, 15.7334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 245, 49) }
```

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

```
.background{ background-color: rgb(255,  
245, 49) }
```

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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