

Converting Colors

XYZ(73.6113, 85.7131, 13.6129)

Have a look what the booklet for
XYZ(73.6113, 85.7131, 13.6129)
contains.

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Color

**XYZ(73.4770, 85.4358,
13.5954)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF31A
RGB	255, 243, 26
RGB Percent	100%, 95%, 10%
CMY	0.0000, 0.0470, 0.8980
CMYK	0.00, 0.05, 0.90, 0.00
HSL	57°, 100%, 55%
HSV	57°, 90%, 100%
XYZ	73.4770, 85.4358, 13.5954
YIQ	221.8500, 76.8090, -64.9430

Conversions

Conversions Part 2

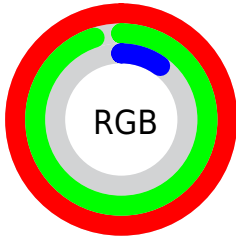
Format	Color
R _Y B	39, 255, 26
Decimal	16773914
CIE Lab	94.07, -15.55, 89.81
CIE LCh	94, 91.150, 99.825
Yxy	85.4358, 0.4259, 0.4953
Android (android.graphics.Color)	4294963994 (0xFFFFF31A)
YUV	221.8500, -96.5540, 29.0726
Hunter-Lab	92.4315, -19.8593, 55.9813

Details

The XYZ color **73.4770, 85.4358, 13.5954** 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 **19.1697, 8.8266, 95.3001**, and the grayscale version is **69.9509, 73.5938, 80.1436**.

A 20% lighter version of the original color is **79.3490, 93.7196, 26.2195**, and **40.0185, 47.0100, 6.9646** is the 20% darker color. If you saturate the color by 10%, you get **72.8969, 84.5699, 12.4964**, and if you desaturate by 10%, it is **74.3024, 86.4111, 15.9550**.

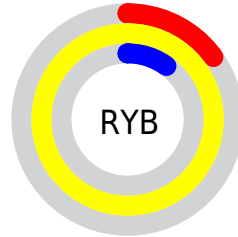
Distribution



Red (100%)

Green (95%)

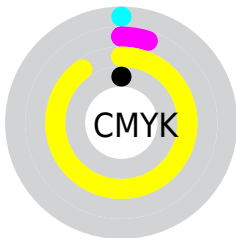
Blue (10%)



Red (15%)

Yellow (100%)

Blue (10%)

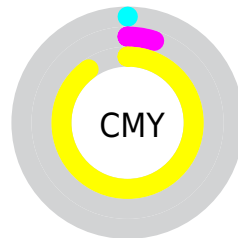


Cyan (0%)

Magenta (5%)

Yellow (90%)

Black (0%)



Cyan (0%)


Magenta (5%)


Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.4770, 85.4358, 13.5954 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 73.4770, 85.4358, 13.5954 by changing the saturation by 10% instead.


 73.4770, 85.4358,
13.5954

 73.4770, 85.4358,
13.5954


461.7446,
513.0690, 226.0393


 54.6559, 64.2015,
7.7043


 123.1536,
140.9819, 33.0761

 39.3590, 46.8139,
3.8213


 154.7398,
176.0625, 47.5028


 27.2211, 32.8886,
1.5278


 191.3117,
216.5274, 65.6117

 17.8768, 22.0411,
0.2385

 233.2347,
262.7608, 87.8215

 10.9607, 13.8871,
0.0000

 280.8741,
315.1474, 114.5505

 6.1075, 8.0422,
0.0000

334.5954,

 2.9519, 4.1220,

374.0713, 146.2175

0.0000

394.7637,
439.9170, 183.2409

■ 1.1284, 1.7420,
0.0000

■ 0.0486, 0.4506,
0.0000

■ 73.4770, 85.4358,
13.5954

■ 73.4770, 85.4358,
13.5954

■ 72.8969, 84.5699,
12.4964

■ 74.3024, 86.4111,
15.9550

■ 72.8860, 84.5526,
12.4788

■ 75.4376, 87.5116,
19.9399

■ 76.9285, 88.7591,
25.7831

■ 78.8118, 90.1682,
33.6786

■ 81.1198, 91.7520,
43.7960

■ 83.8814, 93.5218,
56.2876

■ 87.1229, 95.4884,
71.2918

■ 90.8686, 97.6613,
88.9368

95.0496, 99.9998,
108.9000

Harmonies

Analogous

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



98.4396, 85.4358, 15.4069



73.4770, 85.4358, 13.5954



54.7665, 85.4358, 23.3853

Triad

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



73.4770, 85.4358, 13.5954



50.3019, 85.4358, 207.9836



133.5339, 85.4358, 147.3361

Complementary

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



73.4770, 85.4358, 13.5954



19.1697, 8.8266, 95.3001

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.



115.0181, 85.4358, 238.6123



73.4770, 85.4358, 13.5954



66.1080, 85.4358, 284.0867

Square

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



73.4770, 85.4358, 13.5954



43.2666, 85.4358, 117.8223



89.4549, 85.4358, 297.4658



136.6018, 85.4358, 71.9767

Rectangle

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



73.4770, 85.4358, 13.5954



47.0913, 85.4358, 40.6067



89.4549, 85.4358, 297.4658



128.7570, 85.4358, 177.9754

Sweetspot

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



73.4789, 85.4398, 13.5971



84.7394, 94.0525, 60.2257



42.0146, 22.1615, 4.1870



17.9148, 19.9931, 11.8675



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.



73.4789, 85.4398, 13.5971



72.8867, 84.5534, 12.4789



49.6129, 78.6393, 13.5424



19.4749, 20.9180, 19.1555



38.1203, 44.2519, 6.5323



3.7356, 4.3566, 0.6440

Inverse Universe

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



19.1697, 8.8266, 95.3001



18.1985, 7.5170, 95.0995



26.9126, 12.3378, 95.5698



17.0793, 17.5302, 22.7334



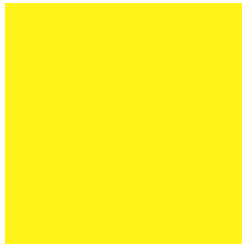
9.5402, 3.9900, 49.7019



0.9546, 0.4398, 4.8479

Previews

White Background



This preview shows how the XYZ color 73.4770, 85.4358, 13.5954 looks on a white background.

Color Contrast Check

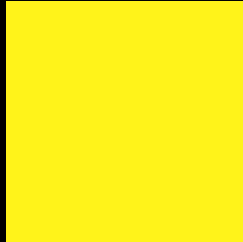
Large Text (above 18pt) WCAG AA × Fail

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 73.4770, 85.4358, 13.5954 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 73.4770, 85.4358, 13.5954

Background



This preview shows how black text looks on a background with the XYZ color 73.4770, 85.4358, 13.5954.



This preview shows how white text looks on a background with the XYZ color 73.4770, 85.4358,

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

73.4770, 85.4358, 13.5954



Protanopia

78.7896, 85.1991, 48.8516



Deuteranopia

82.5812, 85.3298, 73.0906



Tritanopia

85.9738, 85.3241, 95.1570

Trichromacy



Original Color

73.4770, 85.4358, 13.5954



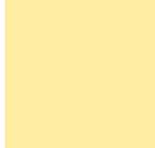
Protanomaly

75.5525, 84.8411, 28.9169



Deuteranomaly

76.7725, 84.3922, 38.2296



Tritanomaly

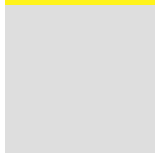
77.8463, 83.8952, 46.7408

Monochromacy



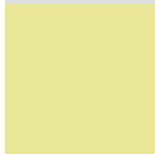
Original Color

73.4770, 85.4358, 13.5954



Achromatopsia

69.4303, 73.0461, 79.5472



Achromatomaly

67.8144, 76.3204, 40.4353

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.4770, 85.4358, 13.5954 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, 243, 26)` looks like.

```
.text, #text, p{  
    color:rgb(255, 243, 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, 243, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 243, 26) }
```

Border

The CSS property to change the border of an element to XYZ 73.4770, 85.4358, 13.5954 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, 243, 26) }
```


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

```
.border{ border-color:rgb(255, 243, 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, 243, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 243, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 243, 26);  
box-shadow:4px 4px 4px 4px rgb(255, 243,  
26) }
```

Background

The CSS property to change the background color of an element to XYZ 73.4770, 85.4358, 13.5954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 243, 26) }
```

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

```
.background{ background-color: rgb(255,  
243, 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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