

Converting Colors

XYZ(73.4295, 85.5113, 13.0534)

Have a look what the booklet for
XYZ(73.4295, 85.5113, 13.0534)
contains.

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Color

**XYZ(73.3699, 85.3929,
13.0309)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FFF30E |
| RGB | 255, 243, 14 |
| RGB Percent | 100%, 95%, 5% |
| CMY | 0.0000, 0.0470, 0.9450 |
| CMYK | 0.00, 0.05, 0.94, 0.00 |
| HSL | 57°, 100%, 53% |
| HSV | 57°, 94%, 100% |
| XYZ | 73.3699, 85.3929, 13.0309 |
| YIQ | 220.4820, 80.6610, -68.6750 |

Conversions

Conversions Part 2

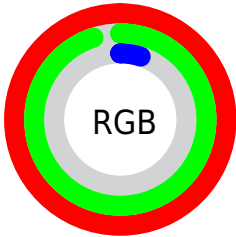
| Format | Color |
|-------------------------------------|---------------------------------|
| R _Y B | 27, 255, 14 |
| Decimal | 16773902 |
| CIE Lab | 94.05, -15.70, 91.18 |
| CIE LCh | 94, 92.526, 99.767 |
| Yxy | 85.3929, 0.4271, 0.4971 |
| Android (android.graphics.Color) | 4294963982 (0xFFFFF30E) |
| YUV | 220.4820, -101.7956, 30.2723 |
| Hunter-Lab | 92.4083, -19.9899, 56.3251 |

Details

The XYZ color **73.3699, 85.3929, 13.0309** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light saturated yellow. A complement of this color would be **18.6013, 8.0533, 95.1811**, and the grayscale version is **69.0194, 72.6138, 79.0764**.

A 20% lighter version of the original color is **79.1577, 93.6431, 25.2121**, and **39.7626, 46.8781, 6.9527** is the 20% darker color. If you saturate the color by 10%, you get **73.0838, 84.9481, 12.5447**, and if you desaturate by 10%, it is **74.0485, 86.2774, 14.7161**.

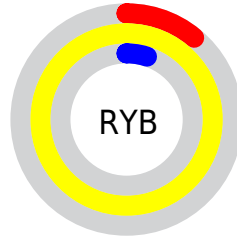
Distribution



Red (100%)

Green (95%)

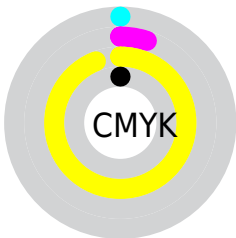
Blue (5%)



Red (11%)

Yellow (100%)

Blue (5%)

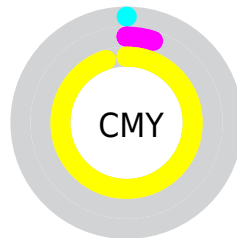


Cyan (0%)

Magenta (5%)

Yellow (94%)

Black (0%)



Cyan (0%)


Magenta (5%)


Yellow (95%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.3699, 85.3929, 13.0309 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 73.3699, 85.3929, 13.0309 by changing the saturation by 10% instead.


 73.3699, 85.3929,
13.0309


 73.3699, 85.3929,
13.0309


461.3798,
512.9273, 222.3304


 54.5679, 64.1661,
7.3188


 123.0025,
140.9220, 32.0513

 39.2884, 46.7852,
3.5808


 154.5638,
175.9930, 46.1967


 27.1659, 32.8659,
1.3983


 191.1090,
216.4476, 63.9903

 17.8351, 22.0237,
0.1404

 233.0034,
262.6701, 85.8507

 10.9306, 13.8743,
0.0000

 280.6123,
315.0449, 112.1963

 6.0871, 8.0333,
0.0000

 334.3011,

 2.9393, 4.1163,

373.9565, 143.4458

0.0000

394.4351,
439.7891, 180.0176

■ 1.1217, 1.7388,
0.0000

■ 0.0432, 0.4486,
0.0000

■ 73.3699, 85.3929,
13.0309

■ 73.3699, 85.3929,
13.0309

■ 73.0838, 84.9481,
12.5447

■ 74.0485, 86.2774,
14.7161

■ 75.0122, 87.2769,
17.8979

■ 76.3117, 88.4149,
22.8349

■ 77.9867, 89.7074,
29.7365

80.0715, 91.1680,
38.7827

82.5963, 92.8088,
50.1334

85.5887, 94.6410,
63.9329

89.0738, 96.6744,
80.3141

93.0751, 98.9187,
99.4001

Harmonies

Analogous

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



98.7211, 85.3929, 14.8414



73.3699, 85.3929, 13.0309



54.4160, 85.3929, 22.7195

Triad

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



73.3699, 85.3929, 13.0309



49.8572, 85.3929, 209.9468



134.3798, 85.3929, 148.3967

Complementary

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



73.3699, 85.3929, 13.0309



18.6013, 8.0533, 95.1811

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.



115.4919, 85.3929, 241.6119



73.3699, 85.3929, 13.0309



65.8216, 85.3929, 287.9039

Square

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



73.3699, 85.3929, 13.0309



42.7789, 85.3929, 118.0150



89.4901, 85.3929, 301.7621



137.5423, 85.3929, 71.7595

Rectangle

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



73.3699, 85.3929, 13.0309



46.6562, 85.3929, 39.9308



89.4901, 85.3929, 301.7621



129.5009, 85.3929, 179.6571

Sweetspot

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



73.3718, 85.3969, 13.0326



84.4867, 93.9777, 58.8145



41.5845, 21.6496, 2.9688



17.8102, 19.9471, 11.3298



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.



73.3718, 85.3969, 13.0326



73.0843, 84.9486, 12.5448



47.7935, 77.7140, 12.8978



19.4792, 20.9266, 19.1569



38.2219, 44.4551, 6.5662



3.7444, 4.3742, 0.6469

Inverse Universe

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



18.6013, 8.0533, 95.1811



18.1900, 7.5000, 95.0967



26.2994, 11.7064, 95.4805



17.0755, 17.5226, 22.7322



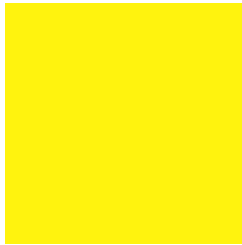
9.5348, 3.9792, 49.7001



0.9527, 0.4362, 4.8473

Previews

White Background



This preview shows how the XYZ color 73.3699, 85.3929, 13.0309 looks on a white background.

Color Contrast Check

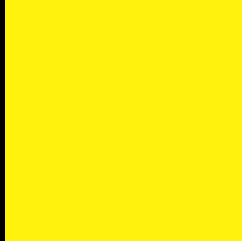
Large Text (above 18pt) WCAG AA × Fail

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 73.3699, 85.3929, 13.0309 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 73.3699, 85.3929, 13.0309

Background



This preview shows how black text looks on a background with the XYZ color 73.3699, 85.3929, 13.0309.



This preview shows how white text looks on a background with the XYZ color 73.3699, 85.3929,

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

73.3699, 85.3929, 13.0309

Protanopia

78.6975, 85.1622, 48.3665

Deuteranopia

82.4570, 85.2801, 72.4364



Tritanopia

85.9738, 85.3241, 95.1570

Trichromacy



Original Color

73.3699, 85.3929, 13.0309



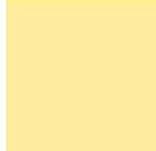
Protanomaly

75.2693, 84.7279, 27.4259



Deuteranomaly

76.4020, 84.2440, 36.2787



Tritanomaly

77.4070, 83.7195, 44.4275

Monochromacy



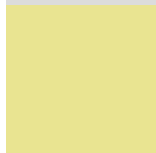
Original Color

73.3699, 85.3929, 13.0309



Achromatopsia

68.0267, 71.5694, 77.9390



Achromatomaly

66.4585, 74.8548, 37.7337

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.3699, 85.3929, 13.0309 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, 14)` looks like.

```
.text, #text, p{  
    color:rgb(255, 243, 14)  
}
```

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, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 243, 14) }
```

Border

The CSS property to change the border of an element to XYZ 73.3699, 85.3929, 13.0309 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, 14) }
```


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

```
.border{ border-color:rgb(255, 243, 14) }
```

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, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 243, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 243, 14);  
box-shadow:4px 4px 4px 4px rgb(255, 243,  
14) }
```

Background

The CSS property to change the background color of an element to XYZ 73.3699, 85.3929, 13.0309 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, 14) }
```

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

```
.background{ background-color: rgb(255,  
243, 14) }
```

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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