

Converting Colors

XYZ(72.9121, 84.0823, 14.0964)

Have a look what the booklet for
XYZ(72.9121, 84.0823, 14.0964)
contains.

XYZ(73.0292, 84.3042, 14.1735)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(73.0292, 84.3042,
14.1735)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF125
RGB	255, 241, 37
RGB Percent	100%, 95%, 15%
CMY	0.0000, 0.0549, 0.8549
CMYK	0.00, 0.05, 0.85, 0.00
HSL	56°, 100%, 57%
HSV	56°, 85%, 100%
XYZ	73.0292, 84.3042, 14.1735
YIQ	221.9300, 73.8280, -60.4760

Conversions

Conversions Part 2

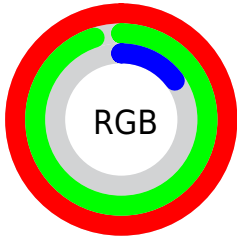
Format	Color
R _Y B	52, 255, 37
Decimal	16773413
CIE Lab	93.58, -14.38, 87.57
CIE LCh	94, 88.748, 99.327
Yxy	84.3042, 0.4258, 0.4915
Android (android.graphics.Color)	4294963493 (0xFFFFF125)
YUV	221.9300, -91.1705, 29.0024
Hunter-Lab	91.8173, -18.7059, 55.1197

Details

The XYZ color **73.0292, 84.3042, 14.1735** 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 **19.9972, 9.9815, 95.4795**, and the grayscale version is **69.9717, 73.6157, 80.1675**.

A 20% lighter version of the original color is **79.6015, 93.8206, 27.5494**, and **39.5971, 46.1673, 6.8242** is the 20% darker color. If you saturate the color by 10%, you get **72.2780, 83.2352, 12.5889**, and if you desaturate by 10%, it is **74.0673, 85.5014, 17.2311**.

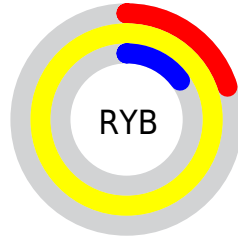
Distribution



Red (100%)

Green (95%)

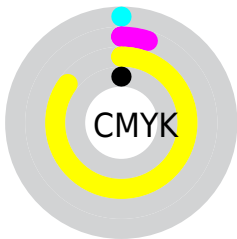
Blue (15%)



Red (20%)

Yellow (100%)

Blue (15%)

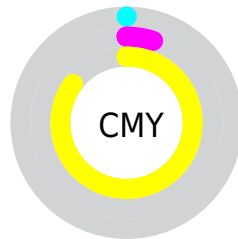


Cyan (0%)

Magenta (5%)

Yellow (85%)

Black (0%)



Cyan (0%)


Magenta (5%)


Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.0292, 84.3042, 14.1735 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 73.0292, 84.3042, 14.1735 by changing the saturation by 10% instead.


 73.0292, 84.3042,
14.1735

 73.0292, 84.3042,
14.1735


460.2182,
509.3229, 229.7734

 54.2883, 63.2666,
8.1013


 122.5216,
139.4006, 34.1181


 39.0638, 46.0569,
4.0711


 154.0038,
174.2283, 48.8276


 26.9903, 32.2908,
1.6645


 190.4637,
214.4214, 67.2533

 17.7025, 21.5837,
0.3362

 232.2669,
260.3644, 89.8137

 10.8350, 13.5513,
0.0000

 279.7786,
312.4416, 116.9274

 6.0225, 7.8093,
0.0000

333.3641,

 2.8995, 3.9731,

371.0375, 149.0128

0.0000

393.3889,
436.5365, 186.4887

■ 1.1009, 1.6586,
0.0000

■ 0.0258, 0.3966,
0.0000

■ 73.0292, 84.3042,
14.1735

■ 73.0292, 84.3042,
14.1735

■ 72.2780, 83.2352,
12.5889


■ 74.0673, 85.5014,
17.2311


■ 71.9983, 82.7771,
12.1829


■ 75.4367, 86.8349,
22.0199


■ 77.1798, 88.3249,
28.7548

■ 79.3311, 89.9851,
37.6182

 81.9215, 91.8281,
48.7715

 84.9785, 93.8647,
62.3605

 88.5276, 96.1053,
78.5192

 92.5924, 98.5592,
97.3715

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.



97.1549, 84.3042, 16.1651



73.0292, 84.3042, 14.1735



54.7778, 84.3042, 23.6867

Triad

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



73.0292, 84.3042, 14.1735



50.0225, 84.3042, 200.5948



130.2506, 84.3042, 145.4503

Complementary

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



73.0292, 84.3042, 14.1735



19.9972, 9.9815, 95.4795

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.



112.2962, 84.3042, 232.6134



73.0292, 84.3042, 14.1735



65.2177, 84.3042, 273.7964

Square

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



73.0292, 84.3042, 14.1735



43.3122, 84.3042, 114.3935



87.6738, 84.3042, 287.7416



133.4719, 84.3042, 72.3843

Rectangle

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



73.0292, 84.3042, 14.1735



47.2211, 84.3042, 40.3545



87.6738, 84.3042, 287.7416



125.5918, 84.3042, 174.8561

Sweetspot

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



73.0311, 84.3082, 14.1752



84.8101, 93.7559, 61.6003



42.5112, 22.8275, 5.3608



17.9164, 19.9125, 12.1263



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.



73.0311, 84.3082, 14.1752



71.9989, 82.7779, 12.1830



50.6988, 79.1822, 14.3628



19.4555, 20.8792, 19.1490



37.6637, 43.3387, 6.3801



3.6961, 4.2776, 0.6309

Inverse Universe

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



19.9972, 9.9815, 95.4795



18.2408, 7.6016, 95.1136



28.1453, 13.4070, 95.7113



17.0966, 17.5648, 22.7392



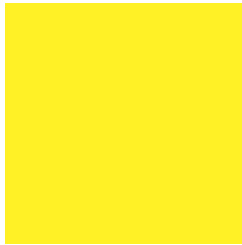
9.5664, 4.0423, 49.7106



0.9627, 0.4562, 4.8506

Previews

White Background



This preview shows how the XYZ color 73.0292, 84.3042, 14.1735 looks on a white background.

Color Contrast Check

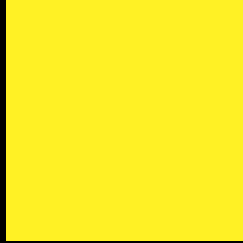
Large Text (above 18pt) WCAG AA × Fail

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 73.0292, 84.3042, 14.1735 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 73.0292, 84.3042, 14.1735

Background



This preview shows how black text looks on a background with the XYZ color 73.0292, 84.3042, 14.1735.



This preview shows how white text looks on a background with the XYZ color 73.0292, 84.3042,

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

73.0292, 84.3042, 14.1735

Protanopia

77.6100, 84.2627, 44.0721

Deuteranopia

81.5195, 83.9941, 70.3085



Tritanopia

85.1168, 84.0856, 93.4054

Trichromacy



Original Color

73.0292, 84.3042, 14.1735



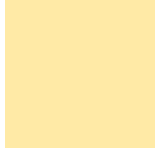
Protanomaly

74.7952, 83.6013, 27.8173



Deuteranomaly

76.3463, 83.2952, 38.8418



Tritanomaly

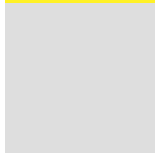
77.5458, 82.8588, 47.9826

Monochromacy



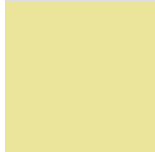
Original Color

73.0292, 84.3042, 14.1735



Achromatopsia

69.4303, 73.0461, 79.5472



Achromatomaly

67.8674, 75.8976, 42.0831

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.0292, 84.3042, 14.1735 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, 241, 37)` looks like.

```
.text, #text, p{  
    color:rgb(255, 241, 37)  
}
```

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, 241, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 241, 37) }
```

Border

The CSS property to change the border of an element to XYZ 73.0292, 84.3042, 14.1735 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, 241, 37) }
```


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

```
.border{ border-color:rgb(255, 241, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 241, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 241, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 241, 37);  
box-shadow:4px 4px 4px 4px rgb(255, 241,  
37) }
```

Background

The CSS property to change the background color of an element to XYZ 73.0292, 84.3042, 14.1735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 241, 37) }
```

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

```
.background{ background-color: rgb(255,  
241, 37) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor