

Converting Colors

XYZ(73.2527, 84.2935, 15.6587)

Have a look what the booklet for
XYZ(73.2527, 84.2935, 15.6587)
contains.

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Color

**XYZ(73.3151, 84.4185,
15.6791)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF134
RGB	255, 241, 52
RGB Percent	100%, 95%, 20%
CMY	0.0000, 0.0549, 0.7960
CMYK	0.00, 0.05, 0.80, 0.00
HSL	56°, 100%, 60%
HSV	56°, 80%, 100%
XYZ	73.3151, 84.4185, 15.6791
YIQ	223.6400, 69.0130, -55.8110

Conversions

Conversions Part 2

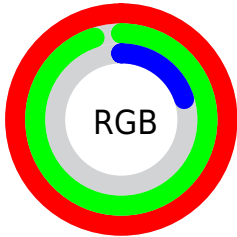
Format	Color
RYB	67, 255, 52
Decimal	16773428
CIELab	93.63, -14.00, 84.19
CIELCh	94, 85.347, 99.441
Yxy	84.4185, 0.4228, 0.4868
Android (android.graphics.Color)	4294963508 (0xFFFFFFFF134)
YUV	223.6400, -84.6185, 27.5027
Hunter-Lab	91.8795, -18.3555, 54.1979

Details

The XYZ color **73.3151, 84.4185, 15.6791** 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 **21.4148, 11.8468, 95.7650**, and the grayscale version is **71.1473, 74.8525, 81.5144**.

A 20% lighter version of the original color is **80.0945, 94.0178, 30.1455**, and **39.5971, 46.1673, 6.8242** is the 20% darker color. If you saturate the color by 10%, you get **72.3714, 83.2157, 13.2552**, and if you desaturate by 10%, it is **74.5774, 85.7632, 19.7390**.

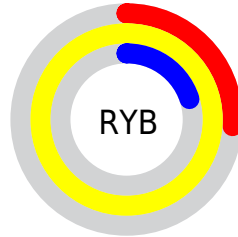
Distribution



Red (100%)

Green (95%)

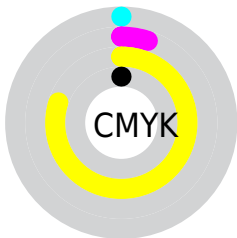
Blue (20%)



Red (26%)

Yellow (100%)

Blue (20%)

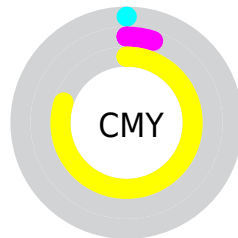


Cyan (0%)

Magenta (5%)

Yellow (80%)

Black (0%)



Cyan (0%)


Magenta (5%)


Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.3151, 84.4185, 15.6791 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 73.3151, 84.4185, 15.6791 by changing the saturation by 10% instead.


 73.3151, 84.4185,
15.6791


 73.3151, 84.4185,
15.6791


461.1931,
509.7019, 239.2213


 54.5229, 63.3610,
9.1455


 122.9252,
139.5604, 36.7992

 39.2522, 46.1333,
4.7381


 154.4738,
174.4137, 52.2228


 27.1376, 32.3510,
2.0384


 191.0053,
214.6343, 71.4467

 17.8137, 21.6298,
0.5787

 232.8850,
260.6067, 94.8896

 10.9152, 13.5851,
0.0000

 280.4782,
312.7153, 122.9700

 6.0767, 7.8327,
0.0000

334.1504,

 2.9329, 3.9881,

371.3444, 156.1064

0.0000

394.2669,
436.8785, 194.7173

■ 1.1184, 1.6669,
0.0000

■ 0.0404, 0.4021,
0.0000

■ 73.3151, 84.4185,
15.6791

■ 73.3151, 84.4185,
15.6791

■ 72.3714, 83.2157,
13.2552

■ 74.5774, 85.7632,
19.7390

■ 71.6719, 82.1154,
12.1013

■ 76.1964, 87.2554,
25.6602

■ 71.6461, 82.0728,
12.0655

■ 78.2105, 88.9138,
33.6380

■ 80.6521, 90.7512,
43.8415

■ 83.5500, 92.7793,
56.4225

■ 86.9304, 95.0085,
71.5196

■ 90.8176, 97.4486,
89.2605

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.



96.4930, 84.4185, 17.6788



73.3151, 84.4185, 15.6791



55.6661, 84.4185, 25.3944

Triad

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



73.3151, 84.4185, 15.6791



51.1279, 84.4185, 195.8742



128.2148, 84.4185, 142.9403

Complementary

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



73.3151, 84.4185, 15.6791



21.4148, 11.8468, 95.7650

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.



111.1462, 84.4185, 225.4991



73.3151, 84.4185, 15.6791



65.9181, 84.4185, 264.7271

Square

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



73.3151, 84.4185, 15.6791



44.5383, 84.4185, 113.8910



87.5820, 84.4185, 277.5672



131.2175, 84.4185, 72.9691

Rectangle

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



73.3151, 84.4185, 15.6791



48.3213, 84.4185, 42.0345



87.5820, 84.4185, 277.5672



123.7978, 84.4185, 170.8646

Sweetspot

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



73.3170, 84.4225, 15.6808



85.3841, 94.0039, 64.5656



43.5399, 24.1453, 7.9837



18.0224, 19.9526, 12.6918



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.



73.3170, 84.4225, 15.6808



71.9070, 82.5047, 12.4280



53.0482, 80.3604, 15.9650



19.4477, 20.8636, 19.1464



37.4825, 42.9763, 6.3197



3.6804, 4.2462, 0.6256

Inverse Universe

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



21.4148, 11.8468, 95.7650



18.5713, 8.0731, 95.1872



29.5274, 14.9603, 95.9383



17.1035, 17.5787, 22.7415



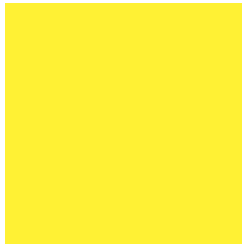
9.5778, 4.0652, 49.7144



0.9660, 0.4627, 4.8517

Previews

White Background



This preview shows how the XYZ color 73.3151, 84.4185, 15.6791 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 73.3151, 84.4185, 15.6791 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 73.3151, 84.4185, 15.6791

Background



This preview shows how black text looks on a background with the XYZ color 73.3151, 84.4185, 15.6791.



This preview shows how white text looks on a background with the XYZ color 73.3151, 84.4185,

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

73.3151, 84.4185, 15.6791

Protanopia

77.7822, 84.3316, 44.9789

Deuteranopia

81.5195, 83.9941, 70.3085



Tritanopia

85.2650, 84.1449, 94.1857

Trichromacy



Original Color

73.3151, 84.4185, 15.6791



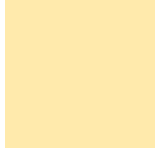
Protanomaly

75.2047, 83.7651, 29.9739



Deuteranomaly

76.7405, 83.4529, 40.9175



Tritanomaly

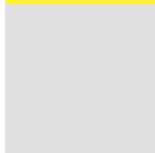
78.1092, 83.0842, 50.9498

Monochromacy



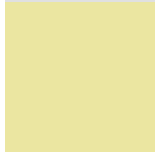
Original Color

73.3151, 84.4185, 15.6791



Achromatopsia

70.8507, 74.5404, 81.1745



Achromatomaly

68.9908, 76.8290, 44.9115

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.3151, 84.4185, 15.6791 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, 52)` looks like.

```
.text, #text, p{  
    color:rgb(255, 241, 52)  
}
```

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, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 241, 52) }
```

Border

The CSS property to change the border of an element to XYZ 73.3151, 84.4185, 15.6791 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, 52) }
```


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

```
.border{ border-color:rgb(255, 241, 52) }
```

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, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 241, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 241, 52);  
box-shadow:4px 4px 4px 4px rgb(255, 241,  
52) }
```

Background

The CSS property to change the background color of an element to XYZ 73.3151, 84.4185, 15.6791 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, 52) }
```

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

```
.background{ background-color: rgb(255,  
241, 52) }
```

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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