

Converting Colors

XYZ(74.1615, 85.5155, 17.7982)

Have a look what the booklet for
XYZ(74.1615, 85.5155, 17.7982)
contains.

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Color

**XYZ(74.2740, 85.7545,
17.7919)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF342
RGB	255, 243, 66
RGB Percent	100%, 95%, 26%
CMY	0.0000, 0.0470, 0.7411
CMYK	0.00, 0.05, 0.74, 0.00
HSL	56°, 100%, 63%
HSV	56°, 74%, 100%
XYZ	74.2740, 85.7545, 17.7919
YIQ	226.4100, 63.9690, -52.5030

Conversions

Conversions Part 2

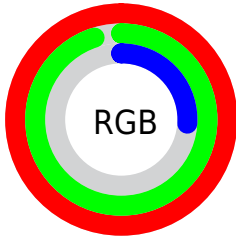
Format	Color
R_{YB}	79, 255, 66
Decimal	16773954
CIE _{Lab}	94.21, -14.49, 80.67
CIE _{LCh}	94, 81.962, 100.182
Yxy	85.7545, 0.4177, 0.4823
Android (android.graphics.Color)	4294964034 (0xFFFFF342)
YUV	226.4100, -79.0821, 25.0734
Hunter-Lab	92.6037, -18.8883, 53.4313

Details

The XYZ color **74.2740, 85.7545, 17.7919** 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 **23.0215, 13.8272, 96.0628**, and the grayscale version is **73.1106, 76.9181, 83.7638**.

A 20% lighter version of the original color is **80.7659, 94.2864, 33.6809**, and **40.0185, 47.0100, 6.9646** is the 20% darker color. If you saturate the color by 10%, you get **73.2019, 84.5575, 14.5161**, and if you desaturate by 10%, it is **75.6891, 87.1021, 22.8357**.

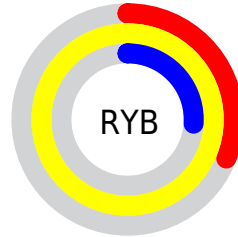
Distribution



Red (100%)

Green (95%)

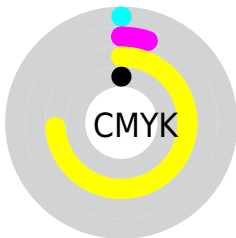
Blue (26%)



Red (31%)

Yellow (100%)

Blue (26%)

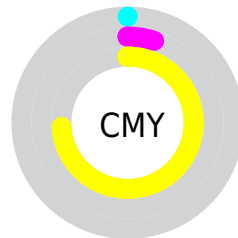


Cyan (0%)

Magenta (5%)

Yellow (74%)

Black (0%)



Cyan (0%)

Magenta (5%)


Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.2740, 85.7545, 17.7919 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 74.2740, 85.7545, 17.7919 by changing the saturation by 10% instead.


 74.2740, 85.7545,
17.7919

 74.2740, 85.7545,
17.7919


464.4542,
514.1214, 251.8921


 55.3104, 64.4650,
10.6328


 124.2776,
141.4268, 40.4915


 39.8851, 47.0274,
5.7094


 156.0482,
176.5785, 56.8692


 27.6328, 33.0573,
2.6033


 192.8186,
217.1196, 77.1567

 18.1881, 22.1703,
0.8942

 234.9542,
263.4346, 101.7727

 11.1856, 13.9821,
0.0000

 282.8201,
315.9079, 131.1357

 6.2600, 8.1082,
0.0000

336.7819,

 3.0460, 4.1643,

374.9238, 165.6642

0.0000

397.2048,
440.8669, 205.7768

■ 1.1781, 1.7659,
0.0000

■ 0.0890, 0.4658,
0.0000

■ 74.2740, 85.7545,
17.7919

■ 74.2740, 85.7545,
17.7919

■ 73.2019, 84.5575,
14.5161

■ 75.6891, 87.1021,
22.8357

■ 72.4186, 83.4795,
12.7485

■ 77.4808, 88.6039,
29.8503

■ 72.0531, 82.8865,
12.2011

■ 79.6851, 90.2776,
39.0166

■ 82.3323, 92.1353,
50.4936

■ 85.4497, 94.1880,
64.4254

■ 89.0624, 96.4457,
80.9443

■ 93.1937, 98.9179,
100.1731

■ 95.0498, 99.9999,
108.9000

Harmonies

Analogous

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



96.6637, 85.7545, 19.5887



74.2740, 85.7545, 17.7919



57.2034, 85.7545, 28.1394

Triad

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



74.2740, 85.7545, 17.7919



53.3364, 85.7545, 195.0438



127.9896, 85.7545, 140.6194

Complementary

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



74.2740, 85.7545, 17.7919



23.0215, 13.8272, 96.0628

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.



111.8718, 85.7545, 219.4482



74.2740, 85.7545, 17.7919



68.0238, 85.7545, 259.4131

Square

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



74.2740, 85.7545, 17.7919



46.6345, 85.7545, 116.4021



89.1951, 85.7545, 269.9337



130.4836, 85.7545, 73.5996

Rectangle

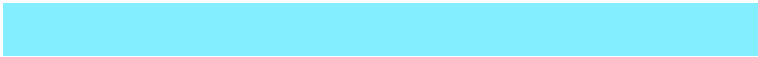
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.2740, 85.7545, 17.7919



50.1089, 85.7545, 45.2561



89.1951, 85.7545, 269.9337



123.8644, 85.7545, 167.2613

Sweetspot

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



74.2760, 85.7585, 17.7936



86.1720, 94.6485, 67.6992



44.5854, 25.7159, 9.9360



18.2471, 20.1328, 13.5965



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.



74.2760, 85.7585, 17.7936



72.7868, 84.0174, 13.4824



53.9997, 80.8090, 17.9070



19.4567, 20.8816, 19.1494



37.6918, 43.3948, 6.3895



3.6986, 4.2825, 0.6317

Inverse Universe

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



23.0215, 13.8272, 96.0628



19.3743, 9.1557, 95.3538



32.1939, 17.4041, 96.2698



17.0955, 17.5627, 22.7388



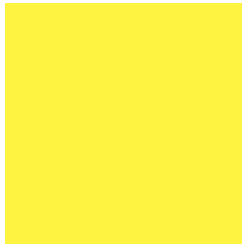
9.5646, 4.0389, 49.7100



0.9622, 0.4551, 4.8504

Previews

White Background



This preview shows how the XYZ color 74.2740, 85.7545, 17.7919 looks on a white background.

Color Contrast Check

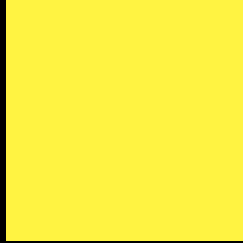
Large Text (above 18pt) WCAG AA × Fail

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 74.2740, 85.7545, 17.7919 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

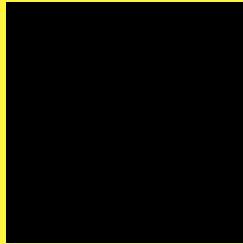
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.2740, 85.7545, 17.7919

Background



This preview shows how black text looks on a background with the XYZ color 74.2740, 85.7545, 17.7919.



This preview shows how white text looks on a background with the XYZ color 74.2740, 85.7545,

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

74.2740, 85.7545, 17.7919

Protanopia

79.3622, 85.8953, 50.4268

Deuteranopia

82.7062, 85.3798, 73.7489



Tritanopia

85.9738, 85.3241, 95.1570

Trichromacy



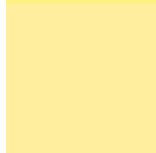
Original Color

74.2740, 85.7545, 17.7919



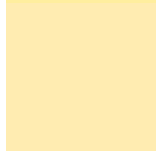
Protanomaly

76.5649, 85.2461, 34.2485



Deuteranomaly

77.9861, 84.8777, 44.6205



Tritanomaly

79.1713, 84.4252, 53.7179

Monochromacy



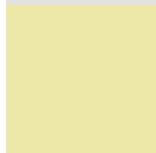
Original Color

74.2740, 85.7545, 17.7919



Achromatopsia

72.2879, 76.0525, 82.8211



Achromatomaly

70.8495, 78.5449, 48.4723

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.2740, 85.7545, 17.7919 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, 66)` looks like.

```
.text, #text, p{  
    color:rgb(255, 243, 66)  
}
```

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, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 243, 66) }
```

Border

The CSS property to change the border of an element to XYZ 74.2740, 85.7545, 17.7919 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, 66) }
```


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

```
.border{ border-color:rgb(255, 243, 66) }
```

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, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 243, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 243, 66);  
box-shadow:4px 4px 4px 4px rgb(255, 243,  
66) }
```

Background

The CSS property to change the background color of an element to XYZ 74.2740, 85.7545, 17.7919 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, 66) }
```

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

```
.background{ background-color: rgb(255,  
243, 66) }
```

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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