

Converting Colors

XYZ(127.6445, 112.9360,
20.0548)

Have a look what the booklet for
XYZ(127.6445, 112.9360, 20.0548)
contains.

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Color

**XYZ(73.9463, 85.1459,
17.5384)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF241
RGB	255, 242, 65
RGB Percent	100%, 95%, 25%
CMY	0.0000, 0.0510, 0.7451
CMYK	0.00, 0.05, 0.75, 0.00
HSL	56°, 100%, 63%
HSV	56°, 75%, 100%
XYZ	73.9463, 85.1459, 17.5384
YIQ	225.7090, 64.5650, -52.2910

Conversions

Conversions Part 2

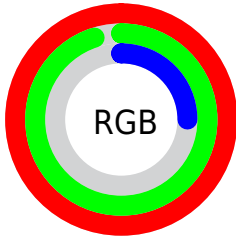
Format	Color
R_{YB}	79, 255, 65
Decimal	16773697
CIE _{Lab}	93.95, -14.04, 80.74
CIE _{LCh}	94, 81.954, 99.865
Yxy	85.1459, 0.4186, 0.4821
Android (android.graphics.Color)	4294963777 (0xFFFFFFFF241)
YUV	225.7090, -79.2295, 25.6882
Hunter-Lab	92.2745, -18.4354, 53.3231

Details

The XYZ color **73.9463, 85.1459, 17.5384** 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 **22.9547, 13.7927, 96.0596**, and the grayscale version is **72.6023, 76.3833, 83.1814**.

A 20% lighter version of the original color is **80.7017, 94.2607, 33.3427**, and **39.8070, 46.5871, 6.8942** is the 20% darker color. If you saturate the color by 10%, you get **72.8520, 83.8849, 14.3155**, and if you desaturate by 10%, it is **75.3826, 86.5581, 22.5206**.

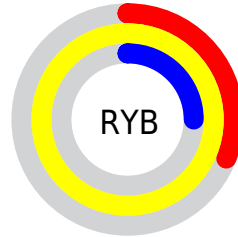
Distribution



Red (100%)

Green (95%)

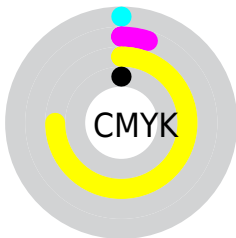
Blue (25%)



Red (31%)

Yellow (100%)

Blue (25%)

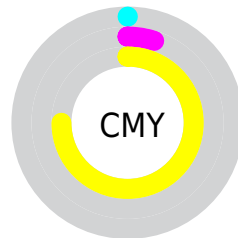


Cyan (0%)

Magenta (5%)

Yellow (75%)

Black (0%)



Cyan (0%)

Magenta (5%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.9463, 85.1459, 17.5384 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 73.9463, 85.1459, 17.5384 by changing the saturation by 10% instead.

73.9463, 85.1459,
17.5384

73.9463, 85.1459,
17.5384

463.3412,
512.1107, 250.4043

55.0412, 63.9619,
10.4531

123.8156,
140.5770, 40.0524

39.6687, 46.6198,
5.5909

155.5105,
175.5929, 56.3183

27.4634, 32.7352,
2.5332

192.1994,
215.9883, 76.4813

18.0599, 21.9237,
0.8577

234.2477,
262.1475, 100.9602

11.0930, 13.8008,
0.0000

282.0206,
314.4550, 130.1734

6.1972, 7.9823,
0.0000

335.8836,

3.0071, 4.0836,

373.2951, 164.5394

0.0000

396.2020,
439.0522, 204.4769

■ 1.1575, 1.7204,
0.0000

■ 0.0724, 0.4368,
0.0000

■ 73.9463, 85.1459,
17.5384

■ 73.9463, 85.1459,
17.5384

■ 72.8520, 83.8849,
14.3155

■ 75.3826, 86.5581,
22.5206

■ 72.0450, 82.7434,
12.5896

■ 77.1947, 88.1254,
29.4663

■ 71.6867, 82.1538,
12.0790

■ 79.4189, 89.8654,
38.5573

■ 82.0855, 91.7904,
49.9533

■ 85.2220, 93.9113,
63.7989

■ 88.8536, 96.2383,
80.2268

■ 93.0036, 98.7807,
99.3602

■ 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.



96.2590, 85.1459, 19.4391



73.9463, 85.1459, 17.5384



56.8894, 85.1459, 27.6543

Triad

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



73.9463, 85.1459, 17.5384



52.7904, 85.1459, 193.1156



127.0954, 85.1459, 140.5673

Complementary

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



73.9463, 85.1459, 17.5384



22.9547, 13.7927, 96.0596

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.



110.9342, 85.1459, 219.0189



73.9463, 85.1459, 17.5384



67.3190, 85.1459, 257.6313

Square

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



73.9463, 85.1459, 17.5384



46.2109, 85.1459, 114.8742



88.3372, 85.1459, 268.8004



129.7417, 85.1459, 73.5965

Rectangle

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



73.9463, 85.1459, 17.5384



49.7773, 85.1459, 44.4967



88.3372, 85.1459, 268.8004



122.9414, 85.1459, 167.1275

Sweetspot

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



73.9483, 85.1499, 17.5401



86.0855, 94.4755, 67.6704



44.6096, 25.6329, 10.3495



18.2263, 20.0913, 13.5896



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.



73.9483, 85.1499, 17.5401



72.4574, 83.3586, 13.3726



54.5815, 81.1123, 17.7815



19.4486, 20.8654, 19.1467



37.5033, 43.0179, 6.3266



3.6822, 4.2498, 0.6262

Inverse Universe

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



22.9547, 13.7927, 96.0596



19.4150, 9.2371, 95.3674



31.4720, 16.9460, 96.2194



17.1027, 17.5771, 22.7413



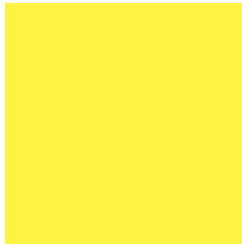
9.5764, 4.0625, 49.7140



0.9656, 0.4620, 4.8515

Previews

White Background



This preview shows how the XYZ color 73.9463, 85.1459, 17.5384 looks on a white background.

Color Contrast Check

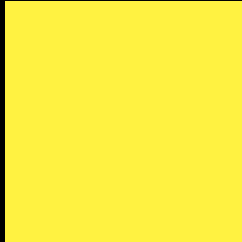
Large Text (above 18pt) WCAG AA × Fail

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 73.9463, 85.1459, 17.5384 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 73.9463, 85.1459, 17.5384

Background



This preview shows how black text looks on a background with the XYZ color 73.9463, 85.1459, 17.5384.

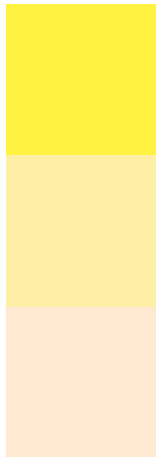


This preview shows how white text looks on a background with the XYZ color 73.9463, 85.1459,

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

73.9463, 85.1459, 17.5384

Protanopia

78.6061, 85.1257, 47.8852

Deuteranopia

82.1714, 84.7091, 72.3412



Tritanopia

85.6931, 84.7627, 95.0634

Trichromacy



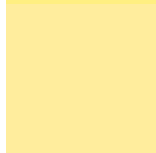
Original Color

73.9463, 85.1459, 17.5384



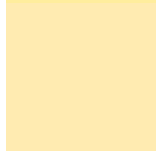
Protanomaly

76.0689, 84.5780, 33.0848



Deuteranomaly

77.6100, 84.2627, 44.0721



Tritanomaly

78.8841, 83.8510, 53.6222

Monochromacy



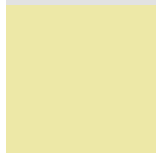
Original Color

73.9463, 85.1459, 17.5384



Achromatopsia

72.2879, 76.0525, 82.8211



Achromatomaly

70.7567, 78.5078, 47.9835

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.9463, 85.1459, 17.5384 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, 242, 65)` looks like.

```
.text, #text, p{  
    color:rgb(255, 242, 65)  
}
```

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, 242, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 242, 65) }
```

Border

The CSS property to change the border of an element to XYZ 73.9463, 85.1459, 17.5384 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, 242, 65) }
```


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

```
.border{ border-color:rgb(255, 242, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 242, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 242, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 242, 65);  
box-shadow:4px 4px 4px 4px rgb(255, 242,  
65) }
```

Background

The CSS property to change the background color of an element to XYZ 73.9463, 85.1459, 17.5384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 242, 65) }
```

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

```
.background{ background-color: rgb(255,  
242, 65) }
```

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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