

Converting Colors

XYZ(73.8361, 81.3670, 56.3843)

Have a look what the booklet for
XYZ(73.8361, 81.3670, 56.3843)
contains.

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Color

**XYZ(73.8522, 81.1863,
56.5778)**

Conversions

Conversions Part 1

Format	Color
Hex	EFEBB7
RGB	239, 235, 183
RGB Percent	94%, 92%, 72%
CMY	0.0627, 0.0784, 0.2823
CMYK	0.00, 0.02, 0.23, 0.06
HSL	56°, 64%, 83%
HSV	56°, 23%, 94%
XYZ	73.8522, 81.1863, 56.5778
YIQ	230.2680, 19.0760, -15.3240

Conversions

Conversions Part 2

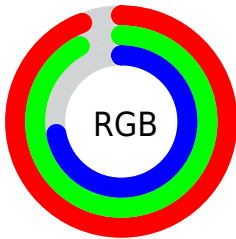
Format	Color
RYB	187, 239, 183
Decimal	15723447
CIELab	92.21, -6.77, 25.79
CIELCh	92, 26.662, 104.717
Yxy	81.1863, 0.3490, 0.3836
Android (android.graphics.Color)	4293913527 (0xFFEFEBB7)
YUV	230.2680, -23.3031, 7.6580
Hunter-Lab	90.1034, -11.3756, 25.8430

Details

The XYZ color **73.8522, 81.1863, 56.5778** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **52.8786, 51.8387, 88.8806**, and the grayscale version is **75.5714, 79.5070, 86.5831**.

A 20% lighter version of the original color is **92.5800, 99.0120, 95.8931**, and **39.6778, 43.9192, 27.5051** is the 20% darker color. If you saturate the color by 10%, you get **71.0879, 79.3061, 44.4082**, and if you desaturate by 10%, it is **77.0478, 83.2521, 70.9771**.

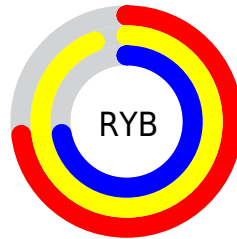
Distribution



Red (94%)

Green (92%)

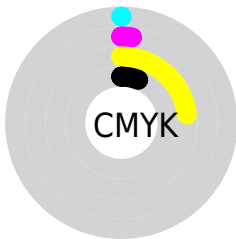
Blue (72%)



Red (73%)

Yellow (94%)

Blue (72%)

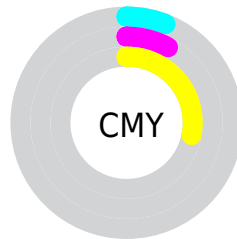


Cyan (0%)

Magenta (2%)

Yellow (23%)

Black (6%)



Cyan (6%)

Magenta (8%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.8522, 81.1863, 56.5778 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 73.8522, 81.1863, 56.5778 by changing the saturation by 10% instead.

73.8522, 81.1863,
56.5778

73.8522, 81.1863,
56.5778

463.0213,
498.9218, 429.3147

54.9639, 60.6950,
40.2593

123.6829,
135.0323, 101.3431

39.6066, 43.9791,
27.4254

155.3560,
169.1559, 130.6269

27.4148, 30.6541,
17.6577

192.0215,
208.5923, 165.0696

18.0232, 20.3356,
10.5376

234.0447,
253.7261, 205.0897

11.0664, 12.6392,
5.6466

281.7909,
304.9415, 251.1057

6.1791, 7.1806,
2.5661

335.6255,

2.9960, 3.5753,

362.6230, 303.5362

0.8749

395.9138,
427.1550, 362.7997

■ 1.1517, 1.4389,
0.0000

■ 0.0677, 0.2452,
0.0000

■ 73.8522, 81.1863,
56.5778

■ 73.8522, 81.1863,
56.5778

■ 71.0879, 79.3061,
44.4082

■ 77.0478, 83.2521,
70.9771

■ 68.7273, 77.5920,
34.3507

■ 80.6884, 85.5006,
87.7054

■ 66.7493, 76.0385,
26.2850

■ 84.7945, 87.9428,
106.8621

■ 65.1284, 74.6351,
20.0765

■ 85.3470, 88.9712,
107.2826

63.8357, 73.3705,
15.5739

85.8563, 89.9898,
107.4524

62.8380, 72.2313,
12.6023

86.3704, 91.0180,
107.6238

62.0951, 71.2013,
10.9491

86.8892, 92.0556,
107.7967

61.7054, 70.5680,
10.3688

87.4128, 93.1028,
107.9712

87.9411, 94.1595,
108.1473

Harmonies

Analogous

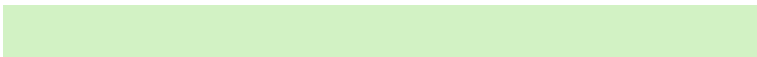
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.7058, 81.1863, 56.6498



73.8522, 81.1863, 56.5778



68.2244, 81.1863, 64.1113

Triad

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



73.8522, 81.1863, 56.5778



68.1392, 81.1863, 117.8325



90.6461, 81.1863, 98.7681

Complementary

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



73.8522, 81.1863, 56.5778



52.8786, 51.8387, 88.8806

Split Complementary

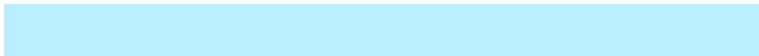
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.8548, 81.1863, 118.1536



73.8522, 81.1863, 56.5778



73.7296, 81.1863, 130.2244

Square

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



73.8522, 81.1863, 56.5778



65.0616, 81.1863, 98.3789



80.5757, 81.1863, 130.3499



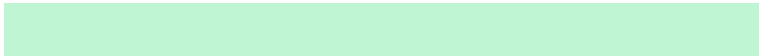
90.6838, 81.1863, 79.1162

Rectangle

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



73.8522, 81.1863, 56.5778



65.8082, 81.1863, 73.1807



80.5757, 81.1863, 130.3499



89.7588, 81.1863, 105.5910

Sweetspot

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



73.8543, 81.1899, 56.5795



91.9031, 98.0935, 94.3258



61.5721, 55.8352, 54.9219



19.6156, 20.9620, 19.9345



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.



73.8543, 81.1899, 56.5795



84.0065, 93.0173, 58.6544



67.6350, 79.7007, 56.6199



17.0208, 18.2547, 16.7761



34.1408, 39.0796, 5.7437



2.8689, 3.3084, 0.4874

Inverse Universe

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



52.8786, 51.8387, 88.8806



55.8531, 53.6243, 102.0145



58.0606, 53.2696, 88.8837



14.9878, 15.4097, 19.9060



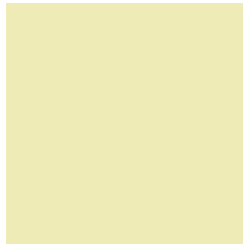
8.7550, 3.7343, 45.3872



0.7597, 0.3734, 3.7862

Previews

White Background



This preview shows how the XYZ color 73.8522, 81.1863, 56.5778 looks on a white background.

Color Contrast Check

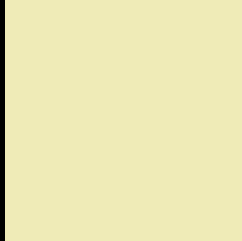
Large Text (above 18pt) WCAG AA × Fail

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 73.8522, 81.1863, 56.5778 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

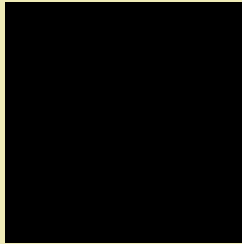
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

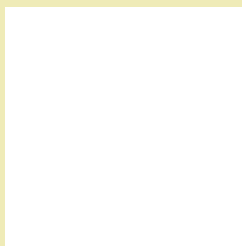
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.8522, 81.1863, 56.5778

Background



This preview shows how black text looks on a background with the XYZ color 73.8522, 81.1863, 56.5778.



This preview shows how white text looks on a background with the XYZ color 73.8522, 81.1863,

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

73.8522, 81.1863, 56.5778

Protanopia

76.0115, 81.0471, 55.8934

Deuteranopia

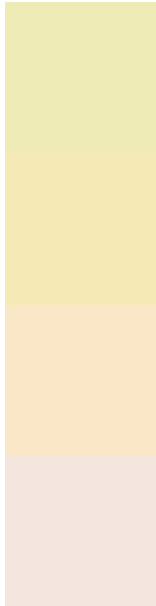
80.3686, 81.3009, 71.1313



Tritanopia

82.3083, 81.3049, 97.7415

Trichromacy



Original Color

73.8522, 81.1863, 56.5778

Protanomaly

75.2386, 81.0677, 55.9381

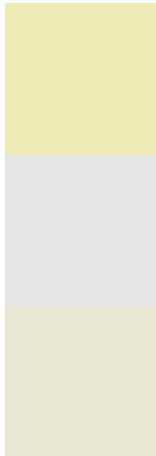
Deuteranomaly

77.9516, 81.4151, 65.6390

Tritanomaly

78.7899, 81.1007, 80.6086

Monochromacy



Original Color

73.8522, 81.1863, 56.5778

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

74.4711, 79.8410, 74.4366

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.8522, 81.1863, 56.5778 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(239, 235, 183)` looks like.

```
.text, #text, p{  
    color:rgb(239, 235, 183)  
}
```

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(239, 235, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 235, 183) }
```

Border

The CSS property to change the border of an element to XYZ 73.8522, 81.1863, 56.5778 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(239, 235, 183) }
```


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

```
.border{ border-color:rgb(239, 235, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 235, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 235, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 235, 183);  
box-shadow:4px 4px 4px 4px rgb(239, 235,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 73.8522, 81.1863, 56.5778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 235, 183) }
```

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

```
.background{ background-color: rgb(239,  
235, 183) }
```

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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