

Converting Colors

XYZ(73.2000, 80.9334, 59.5354)

Have a look what the booklet for
XYZ(73.2000, 80.9334, 59.5354)
contains.

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Color

**XYZ(73.0464, 80.7097,
59.3055)**

Conversions

Conversions Part 1

Format	Color
Hex	EBEBBC
RGB	235, 235, 188
RGB Percent	92%, 92%, 74%
CMY	0.0784, 0.0784, 0.2627
CMYK	0.00, 0.00, 0.20, 0.08
HSL	60°, 54%, 83%
HSV	60°, 20%, 92%
XYZ	73.0464, 80.7097, 59.3055
YIQ	229.6420, 15.0870, -14.6170

Conversions

Conversions Part 2

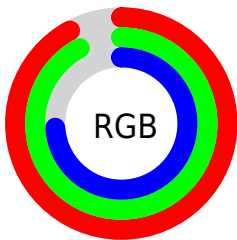
Format	Color
RYB	188, 235, 188
Decimal	15461308
CIELab	92.00, -7.54, 22.88
CIELCh	92, 24.087, 108.233
Yxy	80.7097, 0.3428, 0.3788
Android (android.graphics.Color)	4293651388 (0xFFEBEBBC)
YUV	229.6420, -20.5295, 4.6990
Hunter-Lab	89.8386, -12.0818, 23.7477

Details

The XYZ color **73.0464, 80.7097, 59.3055** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **53.7207, 52.6581, 85.9344**, and the grayscale version is **75.0901, 79.0006, 86.0317**.

A 20% lighter version of the original color is **93.3291, 99.3117, 99.8380**, and **39.0837, 43.5732, 29.2722** is the 20% darker color. If you saturate the color by 10%, you get **70.7165, 79.7804, 47.0318**, and if you desaturate by 10%, it is **75.7931, 81.8112, 73.7553**.

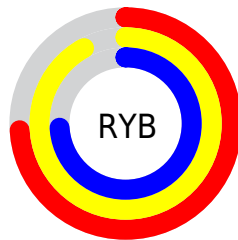
Distribution



Red (92%)

Green (92%)

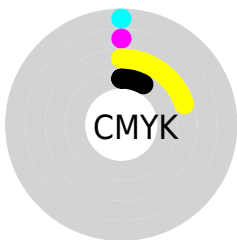
Blue (74%)



Red (74%)

Yellow (92%)

Blue (74%)

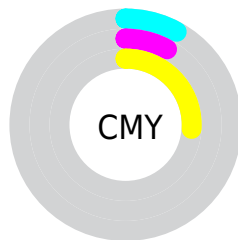


Cyan (0%)

Magenta (0%)

Yellow (20%)

Black (8%)



Cyan (8%)

Magenta (8%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.0464, 80.7097, 59.3055 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 73.0464, 80.7097, 59.3055 by changing the saturation by 10% instead.

73.0464, 80.7097,
59.3055

73.0464, 80.7097,
59.3055

460.2769,
497.3214, 439.7665

54.3024, 60.3025,
42.4375

122.5459,
134.3631, 105.3550

39.0751, 43.6625,
29.1159

154.0320,
168.3781, 135.3736

26.9992, 30.4053,
18.9222

190.4963,
207.6978, 170.6128

17.7092, 20.1464,
11.4378

232.3041,
252.7067, 211.4911

10.8398, 12.5015,
6.2443

279.8207,
303.7891, 258.4271

6.0257, 7.0862,
2.9230

333.4114,

2.9015, 3.5161,

361.3294, 311.8393

1.0554

393.4417,
425.7120, 372.1462

■ 1.1019, 1.4067,
0.0000

■ 0.0267, 0.2217,
0.0000

■ 73.0464, 80.7097,
59.3055

■ 73.0464, 80.7097,
59.3055

■ 70.7165, 79.7804,
47.0318

■ 75.7931, 81.8112,
73.7553

■ 68.7772, 79.0046,
36.8241


■ 78.9688, 83.0816,
90.4739


■ 67.2089, 78.3771,
28.5702


■ 82.0239, 84.3037,
106.5569


■ 65.9880, 77.8887,
22.1457


■ 82.0247, 84.3042,
106.5569


 65.0881, 77.5286,
17.4113


 82.0256, 84.3046,
106.5570


 64.4790, 77.2849,
14.2082


 82.0265, 84.3051,
106.5570

 64.1247, 77.1430,
12.3474

 82.0274, 84.3056,
106.5570

 63.9641, 77.0787,
11.5064

 82.0283, 84.3060,
106.5571

 82.0292, 84.3065,
106.5571

Harmonies

Analogous

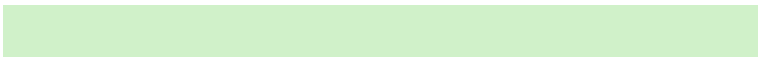
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.1661, 80.7097, 58.5427



73.0464, 80.7097, 59.3055



68.1691, 80.7097, 67.0646

Triad

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



73.0464, 80.7097, 59.3055



69.0508, 80.7097, 115.8478



88.9699, 80.7097, 95.0185

Complementary

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



73.0464, 80.7097, 59.3055



53.7207, 52.6581, 85.9344

Split Complementary

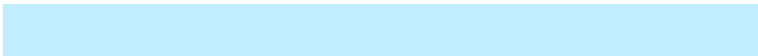
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.9407, 80.7097, 112.6081



73.0464, 80.7097, 59.3055



74.3094, 80.7097, 125.6712

Square

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



73.0464, 80.7097, 59.3055



65.9492, 80.7097, 98.9871



80.4985, 80.7097, 124.4116



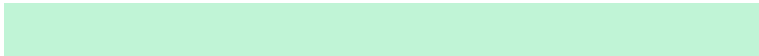
88.5867, 80.7097, 77.6349

Rectangle

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



73.0464, 80.7097, 59.3055



66.1765, 80.7097, 75.8300



80.4985, 80.7097, 124.4116



88.3106, 80.7097, 101.1415

Sweetspot

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



73.0485, 80.7133, 59.3072



92.6830, 99.0531, 96.4389



61.3239, 57.2614, 55.3985



19.7853, 21.1804, 20.3647



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.



73.0485, 80.7133, 59.3072



86.7126, 96.6647, 65.0092



65.7959, 76.9745, 58.9678



16.3518, 17.6269, 16.0592



35.5970, 42.8954, 6.4035



2.7953, 3.3683, 0.5028

Inverse Universe

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



53.7207, 52.6581, 85.9344



59.4959, 57.1584, 102.5046



59.9885, 55.8892, 86.2278



14.2314, 14.5491, 18.9804



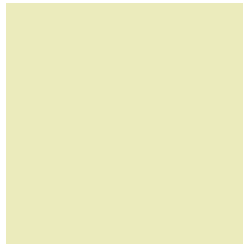
8.3459, 3.3384, 43.9475



0.6554, 0.2622, 3.4509

Previews

White Background



This preview shows how the XYZ color 73.0464, 80.7097, 59.3055 looks on a white background.

Color Contrast Check

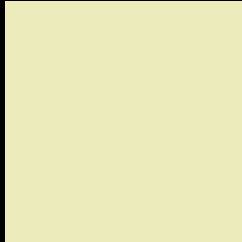
Large Text (above 18pt) WCAG AA × Fail

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 73.0464, 80.7097, 59.3055 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

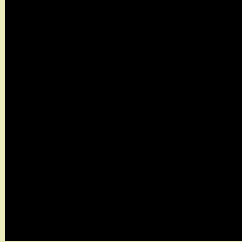
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

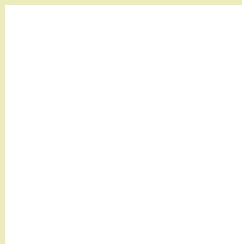
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.0464, 80.7097, 59.3055

Background



This preview shows how black text looks on a background with the XYZ color 73.0464, 80.7097, 59.3055.



This preview shows how white text looks on a background with the XYZ color 73.0464, 80.7097,

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

73.0464, 80.7097, 59.3055

Protanopia

75.4449, 80.2898, 57.9755

Deuteranopia

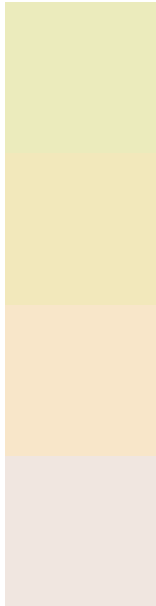
80.0943, 80.7522, 71.0398



Tritanopia

80.9127, 80.5854, 97.6762

Trichromacy



Original Color

73.0464, 80.7097, 59.3055

Protanomaly

74.4442, 80.1783, 58.5660

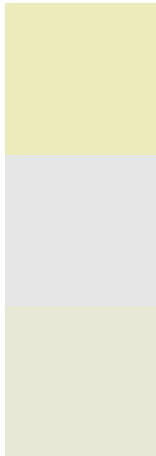
Deuteranomaly

77.5508, 80.7671, 66.7606

Tritanomaly

77.6865, 80.5007, 81.9647

Monochromacy



Original Color

73.0464, 80.7097, 59.3055

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

74.4011, 79.7753, 75.7668

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.0464, 80.7097, 59.3055 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(235, 235, 188)` looks like.

```
.text, #text, p{  
    color:rgb(235, 235, 188)  
}
```

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(235, 235, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 235, 188) }
```

Border

The CSS property to change the border of an element to XYZ 73.0464, 80.7097, 59.3055 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(235, 235, 188) }
```


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

```
.border{ border-color:rgb(235, 235, 188) }
```

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

Here you see how a box with a 4 pixel rgb(235, 235, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 235, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 235, 188);  
box-shadow:4px 4px 4px 4px rgb(235, 235,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 73.0464, 80.7097, 59.3055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 235, 188) }
```

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

```
.background{ background-color: rgb(235,  
235, 188) }
```

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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