

Converting Colors

XYZ(73.2563, 80.6215, 63.7844)

Have a look what the booklet for
XYZ(73.2563, 80.6215, 63.7844)
contains.

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Color

**XYZ(73.2764, 80.7258,
63.9441)**

Conversions

Conversions Part 1

Format	Color
Hex	E9EBC4
RGB	233, 235, 196
RGB Percent	91%, 92%, 77%
CMY	0.0863, 0.0784, 0.2314
CMYK	0.01, 0.00, 0.17, 0.08
HSL	63°, 49%, 85%
HSV	63°, 17%, 92%
XYZ	73.2764, 80.7258, 63.9441
YIQ	229.9560, 11.3270, -12.5530

Conversions

Conversions Part 2

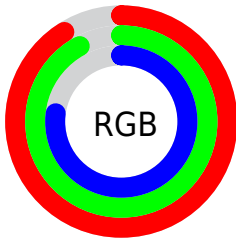
Format	Color
R_{YB}	196, 235, 198
Decimal	15330244
CIE _{Lab}	92.01, -7.09, 18.74
CIE _{LCh}	92, 20.034, 110.718
Y _{xy}	80.7258, 0.3362, 0.3704
Android (android.graphics.Color)	4293520324 (0xFFE9EBC4)
YUV	229.9560, -16.7403, 2.6696
Hunter-Lab	89.8475, -11.6551, 20.6968

Details

The XYZ color **73.2764, 80.7258, 63.9441** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **58.0271, 57.4859, 86.6392**, and the grayscale version is **75.2971, 79.2184, 86.2689**.

A 20% lighter version of the original color is **94.7296, 99.8718, 107.2129**, and **39.1340, 43.5403, 31.9327** is the 20% darker color. If you saturate the color by 10%, you get **70.4161, 79.5390, 50.9239**, and if you desaturate by 10%, it is **76.5627, 82.0888, 79.1746**.

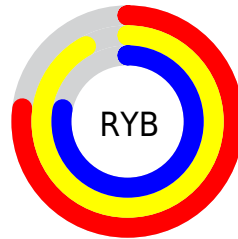
Distribution



Red (91%)

Green (92%)

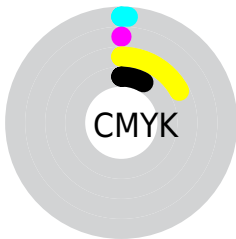
Blue (77%)



Red (77%)

Yellow (92%)

Blue (78%)

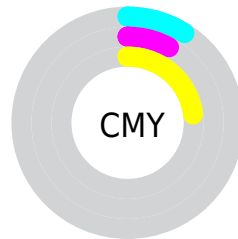


Cyan (1%)

Magenta (0%)

Yellow (17%)

Black (8%)



Cyan (9%)

Magenta (8%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.2764, 80.7258, 63.9441 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 73.2764, 80.7258, 63.9441 by changing the saturation by 10% instead.

73.2764, 80.7258,
63.9441

73.2764, 80.7258,
63.9441

461.0612,
497.3755, 457.1897

54.4912, 60.3158,
46.1595

122.8705,
134.3857, 112.1291

39.2267, 43.6732,
32.0221

154.4102,
168.4044, 143.3666

27.1177, 30.4137,
21.1134

190.9320,
207.7280, 179.9255

17.7987, 20.1528,
13.0149

232.8013,
252.7411, 222.2243

10.9043, 12.5062,
7.3080

280.3836,
303.8280, 270.6816

6.0694, 7.0894,
3.5741

334.0440,

2.9284, 3.5181,

361.3731, 325.7159

1.3947

394.1481,
425.7608, 387.7457

■ 1.1160, 1.4078,
0.1376

■ 0.0384, 0.2225,
0.0000

■ 73.2764, 80.7258,
63.9441

■ 73.2764, 80.7258,
63.9441

■ 70.4161, 79.5390,
50.9239

■ 76.5627, 82.0888,
79.1746

■ 67.9560, 78.5098,
40.0063

■ 80.2869, 83.6245,
96.7060

■ 65.8771, 77.6335,
31.0827

■ 82.5599, 84.5800,
106.5819

■ 64.1566, 76.9008,
24.0322

■ 82.9638, 84.7882,
106.6008

62.7692, 76.3017,
18.7213

83.3705, 84.9979,
106.6199

61.6860, 75.8246,
14.9986

83.7798, 85.2089,
106.6390

60.8734, 75.4560,
12.6871

84.1919, 85.4213,
106.6583

60.2890, 75.1790,
11.5631

84.6067, 85.6352,
106.6777

60.1184, 75.0961,
11.3264

85.0243, 85.8504,
106.6973

Harmonies

Analogous

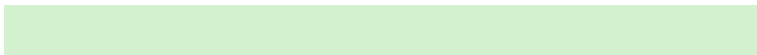
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.3361, 80.7258, 62.7679



73.2764, 80.7258, 63.9441



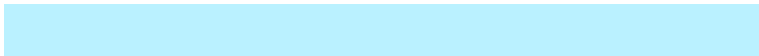
69.3131, 80.7258, 71.1319

Triad

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



73.2764, 80.7258, 63.9441



70.6255, 80.7258, 111.7333



86.9238, 80.7258, 92.5519

Complementary

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



73.2764, 80.7258, 63.9441



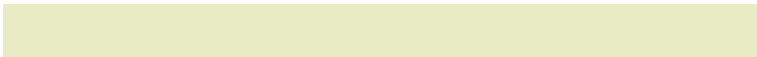
58.0271, 57.4859, 86.6392

Split Complementary

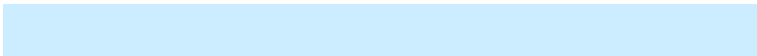
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.6526, 80.7258, 107.1080



73.2764, 80.7258, 63.9441



75.1409, 80.7258, 118.9700

Square

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



73.2764, 80.7258, 63.9441



67.8308, 80.7258, 98.3190



80.2852, 80.7258, 117.1888



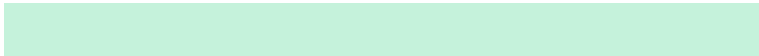
86.3698, 80.7258, 78.2382

Rectangle

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



73.2764, 80.7258, 63.9441



67.7526, 80.7258, 78.8582



80.2852, 80.7258, 117.1888



86.4618, 80.7258, 97.6006

Sweetspot

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



73.2785, 80.7294, 63.9458



92.8239, 99.0817, 98.4337



64.4100, 62.0150, 60.8010



19.8035, 21.1809, 20.7662



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.



73.2785, 80.7294, 63.9458



86.9411, 96.6458, 71.1990



67.2755, 77.6347, 63.6649



16.2710, 17.5852, 16.0554



33.4909, 41.8097, 6.3049



2.6534, 3.2952, 0.4962

Inverse Universe

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



58.0271, 57.4859, 86.6392



65.2694, 63.6167, 103.4469



63.4870, 60.3006, 86.8947



14.3028, 14.5859, 18.9838



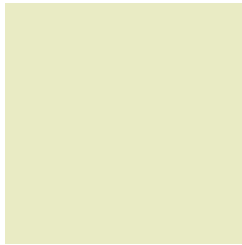
8.4621, 3.3983, 43.9529



0.6898, 0.2799, 3.4525

Previews

White Background



This preview shows how the XYZ color 73.2764, 80.7258, 63.9441 looks on a white background.

Color Contrast Check

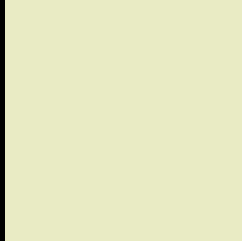
Large Text (above 18pt) WCAG AA × Fail

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 73.2764, 80.7258, 63.9441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

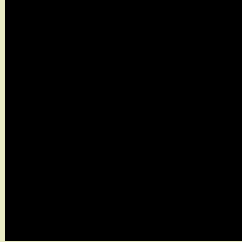
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

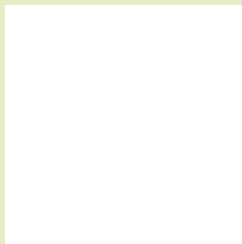
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.2764, 80.7258, 63.9441

Background



This preview shows how black text looks on a background with the XYZ color 73.2764, 80.7258, 63.9441.

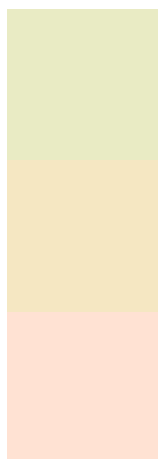


This preview shows how white text looks on a background with the XYZ color 73.2764, 80.7258,

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

73.2764, 80.7258, 63.9441

Protanopia

75.9697, 80.4593, 62.5651

Deuteranopia

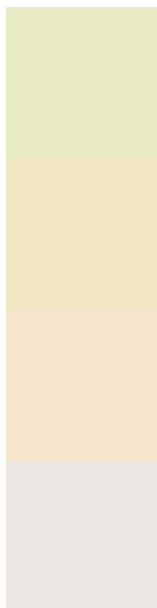
80.1942, 80.3559, 72.9116



Tritanopia

80.3131, 80.6659, 98.5259

Trichromacy



Original Color

73.2764, 80.7258, 63.9441

Protanomaly

74.9826, 80.3541, 63.1877

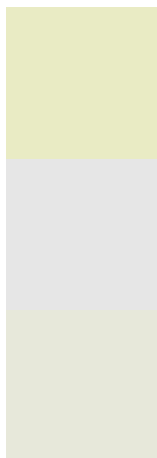
Deuteranomaly

77.5177, 80.2690, 69.8004

Tritanomaly

77.5046, 80.7578, 84.9017

Monochromacy



Original Color

73.2764, 80.7258, 63.9441

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

74.4665, 79.7641, 77.8009

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.2764, 80.7258, 63.9441 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(233, 235, 196)` looks like.

```
.text, #text, p{  
    color:rgb(233, 235, 196)  
}
```

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(233, 235, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 235, 196) }
```

Border

The CSS property to change the border of an element to XYZ 73.2764, 80.7258, 63.9441 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(233, 235, 196) }
```


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

```
.border{ border-color:rgb(233, 235, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 235, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 235, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 235, 196);  
box-shadow:4px 4px 4px 4px rgb(233, 235,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 73.2764, 80.7258, 63.9441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 235, 196) }
```

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

```
.background{ background-color: rgb(233,  
235, 196) }
```

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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