

Converting Colors

XYZ(64.2180, 72.8085, 41.1561)

Have a look what the booklet for
XYZ(64.2180, 72.8085, 41.1561)
contains.

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Color

**XYZ(64.0804, 72.7334,
41.2334)**

Conversions

Conversions Part 1

Format	Color
Hex	E1E29A
RGB	225, 226, 154
RGB Percent	88%, 89%, 60%
CMY	0.1176, 0.1137, 0.3961
CMYK	0.00, 0.00, 0.32, 0.11
HSL	61°, 55%, 75%
HSV	61°, 32%, 89%
XYZ	64.0804, 72.7334, 41.2334
YIQ	217.4930, 22.5160, -22.6040

Conversions

Conversions Part 2

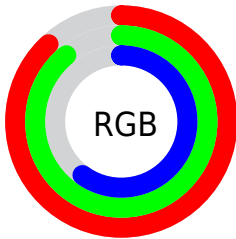
Format	Color
RYB	154, 226, 155
Decimal	14803610
CIELab	88.32, -11.23, 35.17
CIELCh	88, 36.915, 107.708
Yxy	72.7334, 0.3599, 0.4085
Android (android.graphics.Color)	4292993690 (0xFFE1E29A)
YUV	217.4930, -31.3020, 6.5836
Hunter-Lab	85.2839, -15.1259, 31.0329

Details

The XYZ color **64.0804, 72.7334, 41.2334** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **38.8034, 35.5726, 76.7769**, and the grayscale version is **66.4908, 69.9535, 76.1793**.

A 20% lighter version of the original color is **88.5086, 97.3834, 74.4536**, and **33.3234, 38.5201, 18.2492** is the 20% darker color. If you saturate the color by 10%, you get **62.2750, 72.0024, 32.2314**, and if you desaturate by 10%, it is **66.2441, 73.6128, 52.1050**.

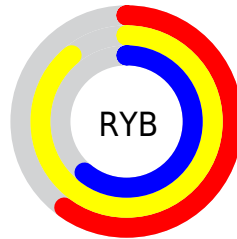
Distribution



Red (88%)

Green (89%)

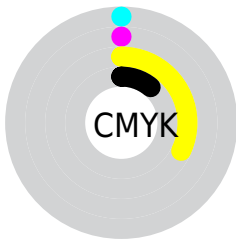
Blue (60%)



Red (60%)

Yellow (89%)

Blue (61%)

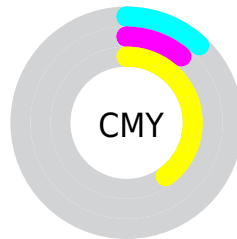


Cyan (0%)

Magenta (0%)

Yellow (32%)

Black (11%)



Cyan (12%)

Magenta (11%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.0804, 72.7334, 41.2334 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 64.0804, 72.7334, 41.2334 by changing the saturation by 10% instead.

64.0804, 72.7334,
41.2334

64.0804, 72.7334,
41.2334

429.0775,
470.0903, 367.0006

46.9777, 53.7580,
28.1804

109.7998,
123.0987, 78.2956

33.2259, 38.4082,
18.2215

139.1472,
155.2573, 103.1419

22.4596, 26.2997,
10.9380

173.3070,
192.5792, 132.7564

14.3135, 17.0480,
5.9115

212.6444,
235.4486, 167.5576

8.4222, 10.2687,
2.7234

257.5248,
284.2501, 207.9641

4.4203, 5.5775,
0.9552

308.3135,

1.9426, 2.5899,

339.3679, 254.3944

0.0000

365.3760,
401.1865, 307.2671

0.6014, 0.9216,
0.0000

0.0000, 0.0000,
0.0000

64.0804, 72.7334,
41.2334

64.0804, 72.7334,
41.2334

62.2750, 72.0024,
32.2314

66.2441, 73.6128,
52.1050

60.8024, 71.4020,
24.9893


68.7790, 74.6382,
64.9383

59.6426, 70.9268,
19.3932


71.7040, 75.8196,
79.8251


58.7710, 70.5669,
15.3142


75.0352, 77.1635,
96.8497


 58.1595, 70.3110,
12.6038


 76.7938, 77.8785,
105.5923


 57.7743, 70.1457,
11.0840

 76.8933, 77.9297,
105.5970

 57.5827, 70.0598,
10.4880

 76.9929, 77.9811,
105.6016

 77.0928, 78.0325,
105.6063

 77.1928, 78.0841,
105.6110

Harmonies

Analogous

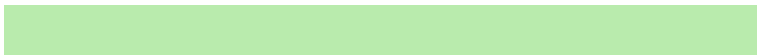
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.8193, 72.7334, 40.4664



64.0804, 72.7334, 41.2334



57.2857, 72.7334, 50.7054

Triad

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



64.0804, 72.7334, 41.2334



58.2952, 72.7334, 121.0175



87.1367, 72.7334, 90.0354

Complementary

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



64.0804, 72.7334, 41.2334



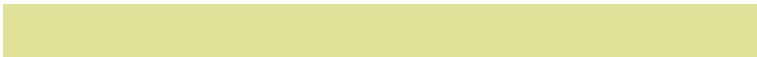
38.8034, 35.5726, 76.7769

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.



82.5058, 72.7334, 116.7463



64.0804, 72.7334, 41.2334



65.5692, 72.7334, 137.0304

Square

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



64.0804, 72.7334, 41.2334



54.1470, 72.7334, 94.9710



74.4401, 72.7334, 135.3188



86.6517, 72.7334, 65.2694

Rectangle

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



64.0804, 72.7334, 41.2334



54.5437, 72.7334, 62.1005



74.4401, 72.7334, 135.3188



86.1114, 72.7334, 99.1680

Sweetspot

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



64.0822, 72.7367, 41.2349



91.0818, 98.3976, 88.6874



48.7548, 41.6148, 36.0356



19.3850, 21.0166, 18.4226



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.



64.0822, 72.7367, 41.2349



82.6838, 94.9962, 46.3711



54.2671, 67.6768, 40.7756



14.8518, 16.0193, 14.6160



32.8580, 39.9715, 5.9835



2.2837, 2.7738, 0.4150

Inverse Universe

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



38.8034, 35.5726, 76.7769



44.6822, 39.1253, 99.8047



46.5205, 39.5509, 77.1380



12.9697, 13.2524, 17.2621



7.8623, 3.1485, 41.2417



0.5513, 0.2215, 2.8589

Previews

White Background



This preview shows how the XYZ color 64.0804, 72.7334, 41.2334 looks on a white background.

Color Contrast Check

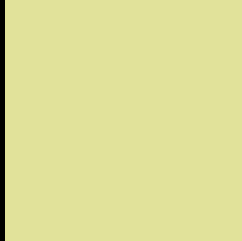
Large Text (above 18pt) WCAG AA × Fail

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 64.0804, 72.7334, 41.2334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

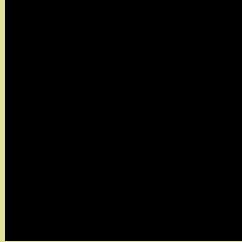
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.0804, 72.7334, 41.2334

Background



This preview shows how black text looks on a background with the XYZ color 64.0804, 72.7334, 41.2334.



This preview shows how white text looks on a background with the XYZ color 64.0804, 72.7334,

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

64.0804, 72.7334, 41.2334

Protanopia

67.4591, 72.5052, 40.1452

Deuteranopia

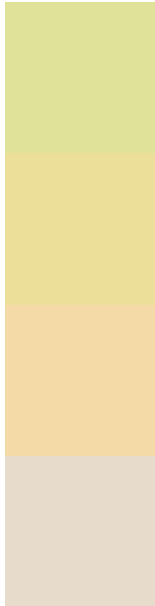
72.8294, 72.3703, 49.6655



Tritanopia

73.5248, 72.6571, 87.2398

Trichromacy



Original Color

64.0804, 72.7334, 41.2334

Protanomaly

66.3984, 72.7374, 40.6771

Deuteranomaly

69.2626, 72.1291, 46.3482

Tritanomaly

69.4473, 72.5350, 67.4671

Monochromacy



Original Color

64.0804, 72.7334, 41.2334

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

64.8460, 70.2971, 61.1899

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.0804, 72.7334, 41.2334 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(225, 226, 154)` looks like.

```
.text, #text, p{  
    color:rgb(225, 226, 154)  
}
```

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(225, 226, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 226, 154) }
```

Border

The CSS property to change the border of an element to XYZ 64.0804, 72.7334, 41.2334 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(225, 226, 154) }
```


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

```
.border{ border-color:rgb(225, 226, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 226, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 226, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 226, 154);  
box-shadow:4px 4px 4px 4px rgb(225, 226,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 64.0804, 72.7334, 41.2334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 226, 154) }
```

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

```
.background{ background-color: rgb(225,  
226, 154) }
```

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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