

Converting Colors

XYZ(63.2039, 64.1289, 48.0754)

Have a look what the booklet for
XYZ(63.2039, 64.1289, 48.0754)
contains.

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Color

**XYZ(63.2094, 64.1336,
48.0773)**

Conversions

Conversions Part 1

Format	Color
Hex	EACDAC
RGB	234, 205, 172
RGB Percent	92%, 80%, 67%
CMY	0.0824, 0.1961, 0.3255
CMYK	0.00, 0.12, 0.26, 0.08
HSL	32°, 60%, 80%
HSV	32°, 26%, 92%
XYZ	63.2094, 64.1336, 48.0773
YIQ	209.9090, 27.8770, -4.1150

Conversions

Conversions Part 2

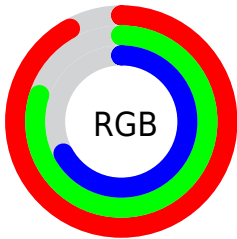
Format	Color
R _Y B	226, 234, 172
Decimal	15388076
CIE Lab	84.04, 5.25, 20.18
CIE LCh	84, 20.849, 75.425
Yxy	64.1336, 0.3603, 0.3656
Android (android.graphics.Color)	4293578156 (0xFFEACDAC)
YUV	209.9090, -18.6891, 21.1278
Hunter-Lab	80.0835, 0.7429, 20.4643

Details

The XYZ color **63.2094, 64.1336, 48.0773** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **52.7508, 56.4830, 85.9642**, and the grayscale version is **61.3062, 64.4989, 70.2393**.

A 20% lighter version of the original color is **90.8651, 98.3261, 86.8628**, and **32.8169, 32.9543, 22.4005** is the 20% darker color. If you saturate the color by 10%, you get **58.6305, 58.2611, 36.4227**, and if you desaturate by 10%, it is **68.3705, 70.5365, 61.8797**.

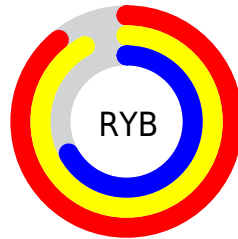
Distribution



Red (92%)

Green (80%)

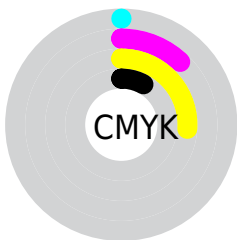
Blue (67%)



Red (89%)

Yellow (92%)

Blue (67%)

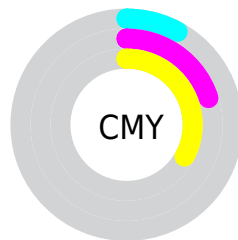


Cyan (0%)

Magenta (12%)

Yellow (26%)

Black (8%)



Cyan (8%)


Magenta (20%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.2094, 64.1336, 48.0773 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 63.2094, 64.1336, 48.0773 by changing the saturation by 10% instead.


 63.2094, 64.1336,
48.0773

 63.2094, 64.1336,
48.0773


425.9766,
439.6719, 395.6160

 46.2699, 46.7589,
33.5277


 108.5517,
110.8033, 88.6862

 32.6644, 32.8451,
22.2566


137.6852,
140.8671, 115.5826

 22.0275, 22.0078,
13.8454

171.6141,
175.9294, 147.4317

 13.9938, 13.8626,
7.8757

210.7037,
216.3746, 184.6520

 8.1980, 8.0252,
3.9289

255.3194,
262.5870, 227.6620

 4.2748, 4.1111,
1.5864

305.8265,

 1.8587, 1.7359,

314.9511, 276.8803

0.2811

362.5905,
373.8513, 332.7255

■ 0.5527, 0.4467,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.2094, 64.1336,
48.0773

■ 63.2094, 64.1336,
48.0773

■ 58.6305, 58.2611,
36.4227

■ 68.3705, 70.5365,
61.8797

■ 54.6044, 52.8944,
26.8013

■ 74.1316, 77.4759,
77.9284

■ 51.1062, 48.0198,
19.0940

■ 80.5160, 84.9690,
96.3205

■ 48.1069, 43.6193,
13.1673

■ 85.7893, 92.3275,
107.9072

■ 45.5739, 39.6733,
8.8703

■ 87.7418, 96.2325,
108.5580

■ 43.4699, 36.1601,
6.0268

■ 41.7485, 33.0539,
4.4152

■ 41.2107, 32.0502,
4.0143

Harmonies

Analogous

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



67.3760, 64.1336, 53.3004



63.2094, 64.1336, 48.0773



58.6353, 64.1336, 48.1531

Triad

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



63.2094, 64.1336, 48.0773



52.8244, 64.1336, 76.7850



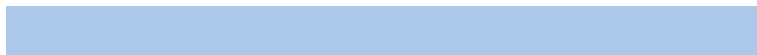
67.4752, 64.1336, 89.1544

Complementary

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



63.2094, 64.1336, 48.0773



52.7508, 56.4830, 85.9642

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.



63.3393, 64.1336, 97.1973



63.2094, 64.1336, 48.0773



54.9594, 64.1336, 89.4674

Square

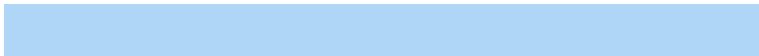
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



63.2094, 64.1336, 48.0773



52.7935, 64.1336, 63.6498



58.7589, 64.1336, 97.3185



69.9215, 64.1336, 76.3991

Rectangle

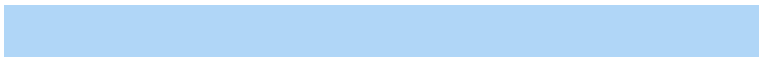
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



63.2094, 64.1336, 48.0773



55.9740, 64.1336, 51.1608



58.7589, 64.1336, 97.3185



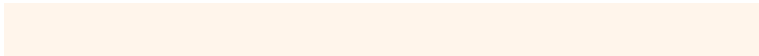
66.2274, 64.1336, 92.5657

Sweetspot

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



63.2111, 64.1365, 48.0786



88.9693, 92.8183, 91.5212



59.3415, 51.2610, 62.6238



18.8100, 19.5883, 18.9339



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.



63.2111, 64.1365, 48.0786



73.5928, 73.8351, 50.1112



70.4630, 79.1426, 50.5929



15.7294, 16.3818, 15.8517



23.2853, 18.2649, 2.2982



1.9246, 1.6266, 0.2125

Inverse Universe

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



52.7508, 56.4830, 85.9642



58.8062, 63.0179, 103.6720



46.8455, 44.3345, 83.9306



14.8120, 15.7104, 19.1740



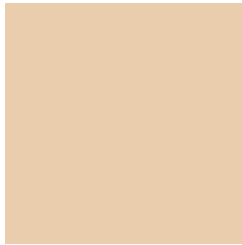
11.5683, 9.7835, 45.0217



1.0039, 0.9593, 3.5671

Previews

White Background



This preview shows how the XYZ color 63.2094, 64.1336, 48.0773 looks on a white background.

Color Contrast Check

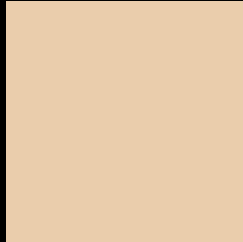
Large Text (above 18pt) WCAG AA × Fail

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 63.2094, 64.1336, 48.0773 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

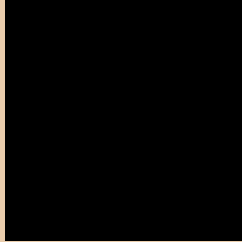
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.2094, 64.1336, 48.0773

Background



This preview shows how black text looks on a background with the XYZ color 63.2094, 64.1336, 48.0773.



This preview shows how white text looks on a background with the XYZ color 63.2094, 64.1336,

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

63.2094, 64.1336, 48.0773

Protanopia

60.2592, 64.0291, 49.2272

Deuteranopia

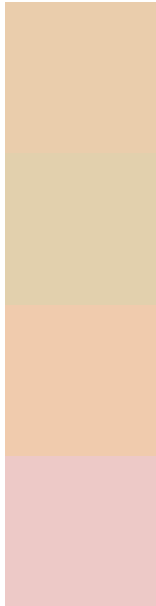
65.6255, 64.3129, 48.4900



Tritanopia

68.2858, 64.1039, 73.0642

Trichromacy



Original Color

63.2094, 64.1336, 48.0773

Protanomaly

61.4627, 64.2976, 48.7064

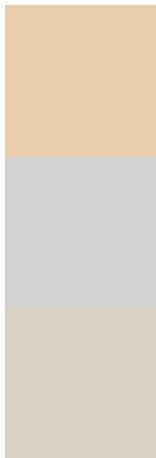
Deuteranomaly

64.8339, 64.2543, 48.5204

Tritanomaly

66.1205, 63.9013, 62.8821

Monochromacy



Original Color

63.2094, 64.1336, 48.0773

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

61.7331, 64.1573, 61.3545

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.2094, 64.1336, 48.0773 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(234, 205, 172)` looks like.

```
.text, #text, p{  
    color:rgb(234, 205, 172)  
}
```

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(234, 205, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 205, 172) }
```

Border

The CSS property to change the border of an element to XYZ 63.2094, 64.1336, 48.0773 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(234, 205, 172) }
```


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

```
.border{ border-color:rgb(234, 205, 172) }
```

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

Here you see how a box with a 4 pixel rgb(234, 205, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 205, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 205, 172);  
box-shadow:4px 4px 4px 4px rgb(234, 205,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 63.2094, 64.1336, 48.0773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 205, 172) }
```

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

```
.background{ background-color: rgb(234,  
205, 172) }
```

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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