

Converting Colors

XYZ(50.9669, 48.0662, 24.3608)

Have a look what the booklet for
XYZ(50.9669, 48.0662, 24.3608)
contains.

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Color

**XYZ(50.9669, 48.0662,
24.3608)**

Conversions

Conversions Part 1

Format	Color
Hex	E6AD78
RGB	230, 173, 120
RGB Percent	90%, 68%, 47%
CMY	0.0980, 0.3215, 0.5294
CMYK	0.00, 0.25, 0.48, 0.10
HSL	29°, 69%, 69%
HSV	29°, 48%, 90%
XYZ	50.9669, 48.0662, 24.3608
YIQ	184.0010, 50.9850, -4.3990

Conversions

Conversions Part 2

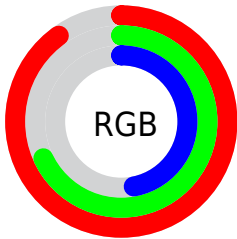
Format	Color
R_{YB}	230, 222, 120
Decimal	15117688
CIE Lab	74.87, 14.55, 35.25
CIE LCh	75, 38.134, 67.577
Yxy	48.0662, 0.4130, 0.3895
Android (android.graphics.Color)	4293307768 (0xFFE6AD78)
YUV	184.0010, -31.5525, 40.3411
Hunter-Lab	69.3298, 9.8948, 27.6978

Details

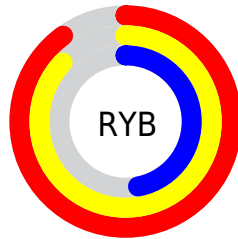
The XYZ color **50.9669, 48.0662, 24.3608** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **37.7502, 41.1490, 80.8157**, and the grayscale version is **45.7107, 48.0912, 52.3713**.

A 20% lighter version of the original color is **76.5262, 79.7639, 50.8978**, and **24.9561, 22.8876, 8.8968** is the 20% darker color. If you saturate the color by 10%, you get **47.5512, 43.2069, 17.1433**, and if you desaturate by 10%, it is **54.9240, 53.4720, 33.4137**.

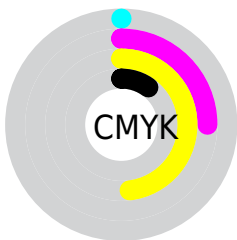
Distribution



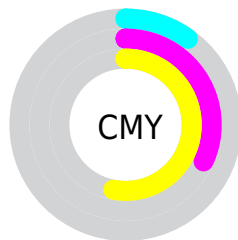
- Red (90%)
- Green (68%)
- Blue (47%)



- Red (90%)
- Yellow (87%)
- Blue (47%)



- Cyan (0%)
- Magenta (25%)
- Yellow (48%)
- Black (10%)



- Cyan (10%)
- Magenta (32%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.9669, 48.0662, 24.3608 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 50.9669, 48.0662, 24.3608 by changing the saturation by 10% instead.


 50.9669, 48.0662,
24.3608


 50.9669, 48.0662,
24.3608


380.8250,
379.0545, 287.9846

 36.4032, 33.8793,
15.3868


 90.7891, 87.3030,
51.5695

 24.9173, 22.8009,
8.9417


 116.7784,
113.1216, 70.6413

 16.1439, 14.4466,
4.6069


 147.3068,
143.5863, 93.9162

 9.7175, 8.4319,
1.9638

182.7399,
179.0815, 121.8126

 5.2729, 4.3725,
0.5329

223.4428,
219.9915, 154.7491

 2.4446, 1.8841,
0.0000

269.7811,

 0.8674, 0.5388,

266.7007, 193.1442

0.0000

322.1200,
319.5936, 237.4166

■ 0.0000, 0.0000,
0.0000

■ 50.9669, 48.0662,
24.3608

■ 50.9669, 48.0662,
24.3608

■ 47.5512, 43.2069,
17.1433

■ 54.9240, 53.4720,
33.4137

■ 44.6438, 38.8667,
11.6279

■ 59.4462, 59.4362,
44.4165

■ 42.2126, 35.0258,
7.6680

■ 64.5596, 65.9791,
57.4778

■ 40.2191, 31.6597,
5.0899

■ 70.2876, 73.1177,
72.6971

■ 38.6126, 28.7382,
3.6556

■ 76.6522, 80.8681,
90.1677

38.2988, 28.1545,
3.4158

83.1870, 89.0509,
107.4119

86.4431, 95.5630,
108.4972

Harmonies

Analogous

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



57.0984, 48.0662, 32.3181



50.9669, 48.0662, 24.3608



43.9483, 48.0662, 22.8578

Triad

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



50.9669, 48.0662, 24.3608



33.6932, 48.0662, 57.5389



54.3161, 48.0662, 88.8431

Complementary

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



50.9669, 48.0662, 24.3608



37.7502, 41.1490, 80.8157

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.



47.4678, 48.0662, 100.0956



50.9669, 48.0662, 24.3608



35.9047, 48.0662, 79.2729

Square

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



50.9669, 48.0662, 24.3608



34.4269, 48.0662, 39.0700



40.7821, 48.0662, 96.2092



59.1645, 48.0662, 68.3088

Rectangle

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



50.9669, 48.0662, 24.3608



39.7820, 48.0662, 25.2437



40.7821, 48.0662, 96.2092



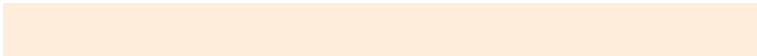
52.1459, 48.0662, 94.0458

Sweetspot

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



50.9681, 48.0685, 24.3617



84.2061, 86.6710, 79.5161



47.4529, 33.4976, 46.4364



17.6960, 18.1405, 16.1568



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.



50.9681, 48.0685, 24.3617



60.2940, 54.8953, 22.0701



63.3104, 72.7532, 28.4759



14.9472, 15.5083, 15.1101



21.8039, 16.1819, 1.9742



1.7039, 1.3810, 0.1768

Inverse Universe

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



37.7502, 41.1490, 80.8157



41.7777, 45.1942, 101.1292



29.1951, 24.0387, 77.9640



14.1975, 15.1163, 18.3138



11.9557, 10.9735, 43.8711



0.9764, 0.9968, 3.2729

Previews

White Background



This preview shows how the XYZ color 50.9669, 48.0662, 24.3608 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 50.9669, 48.0662, 24.3608 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

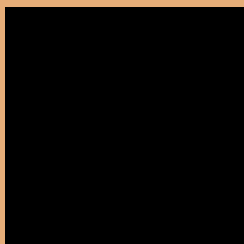
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.9669, 48.0662, 24.3608

Background



This preview shows how black text looks on a background with the XYZ color 50.9669, 48.0662, 24.3608.



This preview shows how white text looks on a background with the XYZ color 50.9669, 48.0662,

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

50.9669, 48.0662, 24.3608

Protanopia

44.6616, 48.0410, 26.3210

Deuteranopia

48.9793, 47.9122, 24.1192



Tritanopia

55.9330, 48.1490, 48.4652

Trichromacy



Original Color

50.9669, 48.0662, 24.3608

Protanomaly

46.7604, 47.9215, 25.5241

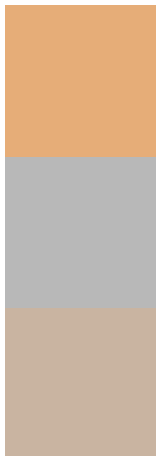
Deuteranomaly

49.7111, 47.9994, 24.0975

Tritanomaly

53.8780, 48.1339, 38.3494

Monochromacy



Original Color

50.9669, 48.0662, 24.3608

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

46.8417, 47.6332, 40.4435

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.9669, 48.0662, 24.3608 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(230, 173, 120)` looks like.

```
.text, #text, p{  
    color:rgb(230, 173, 120)  
}
```

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(230, 173, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 173, 120) }
```

Border

The CSS property to change the border of an element to XYZ 50.9669, 48.0662, 24.3608 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(230, 173, 120) }
```


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

```
.border{ border-color:rgb(230, 173, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 173, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 173, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 173, 120);  
box-shadow:4px 4px 4px 4px rgb(230, 173,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 50.9669, 48.0662, 24.3608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 173, 120) }
```

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

```
.background{ background-color: rgb(230,  
173, 120) }
```

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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