

Converting Colors

XYZ(62.4045, 60.8020, 48.0427)

Have a look what the booklet for
XYZ(62.4045, 60.8020, 48.0427)
contains.

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Color

**XYZ(62.4341, 60.9542,
48.0099)**

Conversions

Conversions Part 1

Format	Color
Hex	EDC5AD
RGB	237, 197, 173
RGB Percent	93%, 77%, 68%
CMY	0.0706, 0.2274, 0.3216
CMYK	0.00, 0.17, 0.27, 0.07
HSL	23°, 64%, 80%
HSV	23°, 27%, 93%
XYZ	62.4341, 60.9542, 48.0099
YIQ	206.2240, 31.5440, 1.0160

Conversions

Conversions Part 2

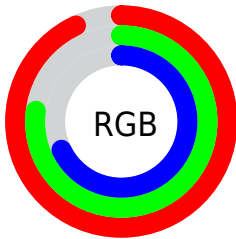
Format	Color
R _Y B	237, 211, 173
Decimal	15582637
CIE Lab	82.35, 10.70, 17.35
CIE LCh	82, 20.385, 58.335
Yxy	60.9542, 0.3643, 0.3556
Android (android.graphics.Color)	4293772717 (0xFFEDC5AD)
YUV	206.2240, -16.3794, 26.9906
Hunter-Lab	78.0732, 6.1161, 18.1917

Details

The XYZ color **62.4341, 60.9542, 48.0099** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **56.3132, 62.5852, 89.2330**, and the grayscale version is **58.8986, 61.9659, 67.4808**.

A 20% lighter version of the original color is **90.6854, 97.7451, 87.4858**, and **32.0960, 30.7287, 22.3287** is the 20% darker color. If you saturate the color by 10%, you get **57.1420, 53.7201, 35.9175**, and if you desaturate by 10%, it is **68.4667, 69.0175, 62.3574**.

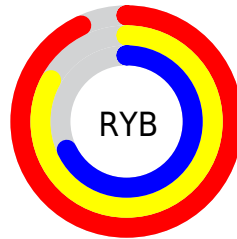
Distribution



Red (93%)

Green (77%)

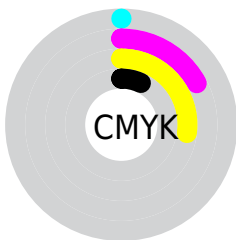
Blue (68%)



Red (93%)

Yellow (83%)

Blue (68%)

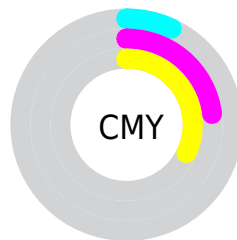


Cyan (0%)

Magenta (17%)

Yellow (27%)

Black (7%)



Cyan (7%)

Magenta (23%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.4341, 60.9542, 48.0099 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 62.4341, 60.9542, 48.0099 by changing the saturation by 10% instead.


 62.4341, 60.9542,
48.0099

 62.4341, 60.9542,
48.0099


423.2052,
428.1061, 395.3412

 45.6405, 44.1882,
33.4747


 107.4391,
106.2126, 88.5848

 32.1656, 30.8185,
22.2162

136.3812,
135.4738, 115.4617

 21.6442, 20.4607,
13.8160

170.1034,
169.6689, 147.2894

 13.7108, 12.7304,
7.8555

208.9712,
209.1822, 184.4866

 8.0002, 7.2431,
3.9162

253.3500,
254.3982, 227.4719

 4.1469, 3.6146,
1.5795

303.6050,

 1.7856, 1.4604,

305.7013, 276.6637

0.2761

360.1016,
363.4757, 332.4806

■ 0.5089, 0.2606,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.4341, 60.9542,
48.0099

■ 62.4341, 60.9542,
48.0099

■ 57.1420, 53.7201,
35.9175

■ 68.4667, 69.0175,
62.3574

■ 52.5546, 47.2793,
25.9600

■ 75.2639, 77.9277,
79.0641

■ 48.6401, 41.6052,
18.0118

■ 82.8548, 87.7126,
98.2322

■ 45.3621, 36.6667,
11.9322

■ 88.7351, 96.7445,
108.6045

■ 42.6799, 32.4298,
7.5622

■ 40.5474, 28.8576,
4.7156

■ 38.9075, 25.9071,
3.1539

■ 38.4886, 25.1316,
2.8223

Harmonies

Analogous

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



65.6071, 60.9542, 55.6442



62.4341, 60.9542, 48.0099



58.1783, 60.9542, 45.2033

Triad

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



62.4341, 60.9542, 48.0099



49.9762, 60.9542, 65.6758



61.9931, 60.9542, 89.7442

Complementary

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



62.4341, 60.9542, 48.0099



56.3132, 62.5852, 89.2330

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.



57.6927, 60.9542, 93.2841



62.4341, 60.9542, 48.0099



50.8859, 60.9542, 78.3897

Square

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



62.4341, 60.9542, 48.0099



51.1089, 60.9542, 54.5802



53.6577, 60.9542, 88.8965



65.3436, 60.9542, 79.7432

Rectangle

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



62.4341, 60.9542, 48.0099



55.3456, 60.9542, 46.1425



53.6577, 60.9542, 88.8965



60.6042, 60.9542, 91.7803

Sweetspot

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



62.4357, 60.9570, 48.0112



88.0047, 90.8892, 91.1996



61.9471, 52.7236, 70.2184



18.5675, 19.1033, 18.8530



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.



62.4357, 60.9570, 48.0112



70.4160, 67.4814, 49.0523



70.3401, 76.7658, 50.6460



15.5284, 15.9797, 15.7847



21.1293, 13.9529, 1.5795



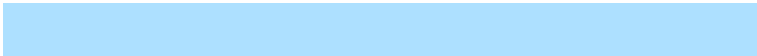
1.7489, 1.2752, 0.1540

Inverse Universe

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



56.3132, 62.5852, 89.2330



62.1337, 69.6730, 104.7812



49.1528, 48.2645, 86.8462



15.0155, 16.1173, 19.2418



14.2666, 15.1802, 45.9211



1.2122, 1.3758, 3.6365

Previews

White Background



This preview shows how the XYZ color 62.4341, 60.9542, 48.0099 looks on a white background.

Color Contrast Check

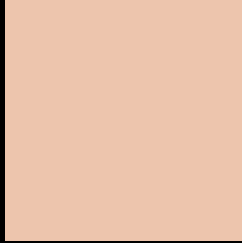
Large Text (above 18pt) WCAG AA × Fail

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 62.4341, 60.9542, 48.0099 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

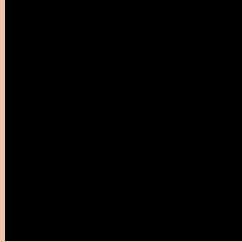
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.4341, 60.9542, 48.0099

Background



This preview shows how black text looks on a background with the XYZ color 62.4341, 60.9542, 48.0099.



This preview shows how white text looks on a background with the XYZ color 62.4341, 60.9542,

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

62.4341, 60.9542, 48.0099

Protanopia

57.7915, 61.2840, 50.3780

Deuteranopia

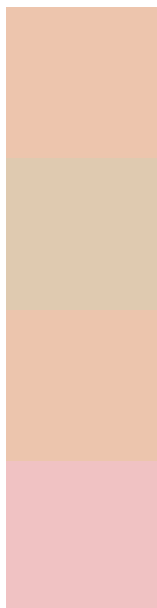
62.1011, 60.7825, 47.9943



Tritanopia

66.3877, 60.9050, 67.2883

Trichromacy



Original Color

62.4341, 60.9542, 48.0099

Protanomaly

59.3884, 61.0636, 49.7306

Deuteranomaly

62.1011, 60.7825, 47.9943

Tritanomaly

65.0773, 61.0490, 59.9834

Monochromacy



Original Color

62.4341, 60.9542, 48.0099

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

59.7088, 61.3586, 59.7353

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.4341, 60.9542, 48.0099 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(237, 197, 173)` looks like.

```
.text, #text, p{  
    color:rgb(237, 197, 173)  
}
```

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(237, 197, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 197, 173) }
```

Border

The CSS property to change the border of an element to XYZ 62.4341, 60.9542, 48.0099 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(237, 197, 173) }
```


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

```
.border{ border-color:rgb(237, 197, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 197, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 197, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 197, 173);  
box-shadow:4px 4px 4px 4px rgb(237, 197,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 62.4341, 60.9542, 48.0099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 197, 173) }
```

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

```
.background{ background-color: rgb(237,  
197, 173) }
```

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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