

# Converting Colors

XYZ(61.1225, 58.7423, 44.6761)

Have a look what the booklet for  
XYZ(61.1225, 58.7423, 44.6761)  
contains.

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# Color

**XYZ(61.0846, 58.6664,  
44.6635)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EEC0A7
RGB	238, 192, 167
RGB Percent	93%, 75%, 65%
CMY	0.0667, 0.2470, 0.3451
CMYK	0.00, 0.19, 0.30, 0.07
HSL	21°, 68%, 79%
HSV	21°, 30%, 93%
XYZ	61.0846, 58.6664, 44.6635
YIQ	202.9040, 35.4410, 1.9770

# Conversions

## Conversions Part 2

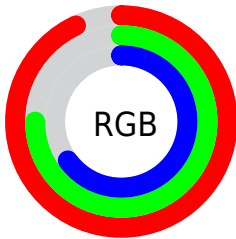
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	238, 206, 167
Decimal	15646887
CIE Lab	81.11, 12.92, 18.82
CIE LCh	81, 22.831, 55.539
Yxy	58.6664, 0.3715, 0.3568
Android (android.graphics.Color)	4293836967 (0xFFEEC0A7)
YUV	202.9040, -17.7007, 30.7792
Hunter-Lab	76.5940, 8.3163, 19.0426

# Details

The XYZ color **61.0846, 58.6664, 44.6635** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **55.1626, 61.9753, 89.9442**, and the grayscale version is **56.7978, 59.7557, 65.0739**.

A 20% lighter version of the original color is **87.9922, 93.6687, 82.5494**, and **31.2390, 29.2385, 20.2168** is the 20% darker color. If you saturate the color by 10%, you get **55.8740, 51.4481, 33.0523**, and if you desaturate by 10%, it is **67.0579, 66.7615, 58.5278**.

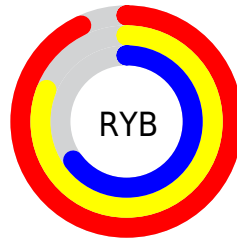
# Distribution



Red (93%)

Green (75%)

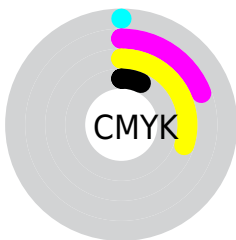
Blue (65%)



Red (93%)

Yellow (81%)

Blue (65%)

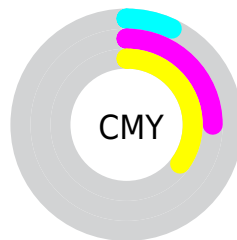


Cyan (0%)

Magenta (19%)

Yellow (30%)

Black (7%)



Cyan (7%)

Magenta (25%)


Yellow (35%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 61.0846, 58.6664, 44.6635 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 61.0846, 58.6664, 44.6635 by changing the saturation by 10% instead.




 61.0846, 58.6664,  
44.6635


 61.0846, 58.6664,  
44.6635


418.3551,  
419.6645, 381.5293

 44.5462, 42.3446,  
30.8514


 105.4988,  
102.8927, 83.5283

 31.2999, 29.3712,  
20.2282

 134.1054,  
131.5659, 109.4182

 20.9803, 19.3618,  
12.3753


167.4655,  
165.1252, 140.1710

 13.2220, 11.9320,  
6.8742

205.9444,  
203.9548, 176.2054

 7.6596, 6.6974,  
3.3063

249.9074,  
248.4391, 217.9399

 3.9279, 3.2736,  
1.2531

299.7200,

 1.6614, 1.2762,

298.9626, 265.7930

0.0229

355.7474,  
355.9096, 320.1833

■ 0.4319, 0.1226,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 61.0846, 58.6664,  
44.6635

■ 61.0846, 58.6664,  
44.6635

■ 55.8740, 51.4481,  
33.0523

■ 67.0579, 66.7615,  
58.5278

■ 51.3885, 45.0678,  
23.5700

■ 73.8202, 75.7541,  
74.7532

■ 47.5936, 39.4956,  
16.0853

■ 81.4021, 85.6747,  
93.4452

■ 44.4503, 34.6965,  
10.4513

■ 88.6499, 96.0770,  
108.4801

■ 41.9146, 30.6327,  
6.5000

■ 89.0700, 96.9172,  
108.6201

■ 39.9360, 27.2621,  
4.0324

■ 38.4386, 24.5309,  
2.7205

■ 38.4163, 24.4897,  
2.7022

# Harmonies

## Analogous

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



64.4053, 58.6664, 53.2609



61.0846, 58.6664, 44.6635



56.4733, 58.6664, 41.2066

# Triad

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



61.0846, 58.6664, 44.6635



47.1496, 58.6664, 61.8668



59.7877, 58.6664, 90.4761

# Complementary

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



61.0846, 58.6664, 44.6635



55.1626, 61.9753, 89.9442

# 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.



55.0540, 58.6664, 93.6325



61.0846, 58.6664, 44.6635



47.9263, 58.6664, 75.8192

# Square

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



61.0846, 58.6664, 44.6635



48.5707, 58.6664, 50.2030



50.7554, 58.6664, 87.9369



63.6273, 58.6664, 79.8343



# Rectangle

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



61.0846, 58.6664, 44.6635



53.3518, 58.6664, 41.8641



50.7554, 58.6664, 87.9369



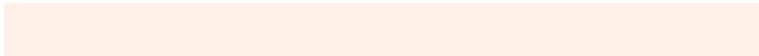
58.2410, 58.6664, 92.5067

# Sweetspot

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



61.0861, 58.6691, 44.6647



87.0117, 89.4873, 89.0679



61.1084, 50.6270, 69.6024



18.3618, 18.8082, 18.4259



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.



61.0861, 58.6691, 44.6647



67.5029, 63.1797, 43.3815



69.8003, 76.0974, 47.5694



16.2282, 16.6695, 16.5119



21.5423, 13.8827, 1.5442



1.8824, 1.3354, 0.1586

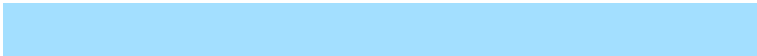


# Inverse Universe

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



55.1626, 61.9753, 89.9442



59.4948, 67.6269, 104.5253



47.2205, 46.0910, 87.2969



15.7517, 16.9376, 20.1607



15.1995, 16.6233, 47.5354



1.3576, 1.5691, 3.9855



# Previews

## White Background



This preview shows how the XYZ color 61.0846, 58.6664, 44.6635 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 61.0846, 58.6664, 44.6635 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

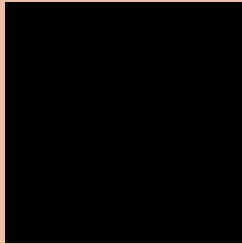
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 61.0846, 58.6664, 44.6635**

## **Background**



This preview shows how black text looks on a background with the XYZ color 61.0846, 58.6664, 44.6635.



This preview shows how white text looks on a background with the XYZ color 61.0846, 58.6664,

44.6635.

# 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

61.0846, 58.6664, 44.6635

### Protanopia

55.3887, 58.7106, 46.9411

### Deuteranopia

59.8711, 58.6972, 44.7334



## Tritanopia

65.0489, 58.6822, 63.7755

# Trichromacy



## Original Color

61.0846, 58.6664, 44.6635

## Protanomaly

57.2686, 58.6626, 46.3348

## Deuteranomaly

60.3060, 58.5921, 44.6902

## Tritanomaly

63.6585, 58.7701, 56.1327

# Monochromacy



## Original Color

61.0846, 58.6664, 44.6635

## Achromatopsia

56.7640, 59.7202, 65.0353

## Achromatomaly

58.0366, 59.1635, 57.0760

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 61.0846, 58.6664, 44.6635 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(238, 192, 167)` looks like.

```
.text, #text, p{  
    color:rgb(238, 192, 167)  
}
```

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(238, 192, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 192, 167) }
```

## Border

The CSS property to change the border of an element to XYZ 61.0846, 58.6664, 44.6635 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(238, 192, 167) }
```



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

```
.border{ border-color:rgb(238, 192, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 192, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 192, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 192, 167);  
box-shadow:4px 4px 4px 4px rgb(238, 192,  
167) }
```

# Background

The CSS property to change the background color of an element to XYZ 61.0846, 58.6664, 44.6635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 192, 167) }
```

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

```
.background{ background-color: rgb(238,  
192, 167) }
```

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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