

Converting Colors

XYZ(61.4562, 61.4724, 47.8682)

Have a look what the booklet for
XYZ(61.4562, 61.4724, 47.8682)
contains.

XYZ(61.3794, 61.4429, 47.6544)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(61.3794, 61.4429,
47.6544)**

Conversions

Conversions Part 1

Format	Color
Hex	E8C8AC
RGB	232, 200, 172
RGB Percent	91%, 78%, 67%
CMY	0.0902, 0.2157, 0.3255
CMYK	0.00, 0.14, 0.26, 0.09
HSL	28°, 57%, 79%
HSV	28°, 26%, 91%
XYZ	61.3794, 61.4429, 47.6544
YIQ	206.3760, 28.0600, -1.9240

Conversions

Conversions Part 2

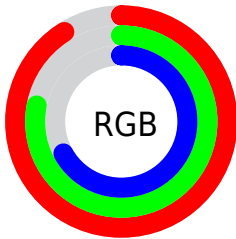
Format	Color
R _Y B	232, 225, 172
Decimal	15255724
CIE Lab	82.62, 7.11, 18.18
CIE LCh	83, 19.520, 68.640
Yxy	61.4429, 0.3600, 0.3604
Android (android.graphics.Color)	4293445804 (0xFFE8C8AC)
YUV	206.3760, -16.9474, 22.4722
Hunter-Lab	78.3855, 2.5989, 18.8246

Details

The XYZ color **61.3794, 61.4429, 47.6544** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **53.1712, 57.7811, 84.6947**, and the grayscale version is **59.0012, 62.0738, 67.5984**.

A 20% lighter version of the original color is **90.8651, 98.3261, 86.8628**, and **31.5735, 31.1439, 22.1166** is the 20% darker color. If you saturate the color by 10%, you get **56.5930, 55.1298, 36.0092**, and if you desaturate by 10%, it is **66.7899, 68.3810, 61.4281**.

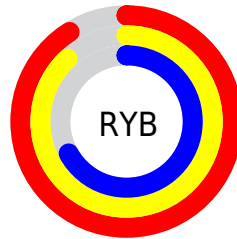
Distribution



Red (91%)

Green (78%)

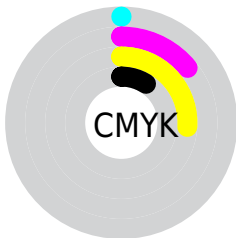
Blue (67%)



Red (91%)

Yellow (88%)

Blue (67%)

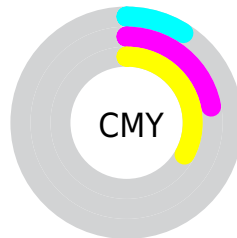


Cyan (0%)

Magenta (14%)

Yellow (26%)

Black (9%)



Cyan (9%)


Magenta (22%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.3794, 61.4429, 47.6544 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 61.3794, 61.4429, 47.6544 by changing the saturation by 10% instead.


 61.3794, 61.4429,
47.6544

 61.3794, 61.4429,
47.6544


419.4174,
429.8961, 393.8897

 44.7851, 44.5827,
33.1952


 105.9231,
106.9200, 88.0498

 31.4888, 31.1289,
22.0037


134.6032,
136.3056, 114.8231

 21.1250, 20.6970,
13.6613


168.0427,
170.6352, 146.5382

 13.3284, 12.9027,
7.7494

206.6068,
210.2931, 183.6137

 7.7336, 7.3616,
3.8496

250.6610,
255.6638, 226.4680

 3.9753, 3.6892,
1.5432

300.5706,

 1.6882, 1.5013,

307.1316, 275.5198

0.2498

356.7010,
365.0809, 331.1875

■ 0.4489, 0.2896,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.3794, 61.4429,
47.6544

■ 61.3794, 61.4429,
47.6544

■ 56.5930, 55.1298,
36.0092

■ 66.7899, 68.3810,
61.4281

■ 52.4002, 49.4142,
26.3803

■ 72.8438, 75.9536,
77.4269

■ 48.7749, 44.2789,
18.6510

■ 79.5652, 84.1809,
95.7462

■ 45.6869, 39.7022,
12.6910

■ 85.3568, 92.4318,
107.9501

■ 43.1024, 35.6608,
8.3531

■ 87.0889, 95.8959,
108.5274

■ 40.9829, 32.1291,
5.4658

■ 39.2818, 29.0777,
3.8179

■ 38.6715, 27.9411,
3.3550

Harmonies

Analogous

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



64.9121, 61.4429, 53.5198



61.3794, 61.4429, 47.6544



57.1994, 61.4429, 46.6082

Triad

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



61.3794, 61.4429, 47.6544



50.8010, 61.4429, 70.4222



63.5689, 61.4429, 86.5609

Complementary

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



61.3794, 61.4429, 47.6544



53.1712, 57.7811, 84.6947

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.



59.6166, 61.4429, 92.3648



61.3794, 61.4429, 47.6544



52.3380, 61.4429, 82.3447

Square

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



61.3794, 61.4429, 47.6544



51.2226, 61.4429, 58.8543



55.5179, 61.4429, 90.7362



66.2176, 61.4429, 75.6494

Rectangle

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



61.3794, 61.4429, 47.6544



54.6277, 61.4429, 48.6473



55.5179, 61.4429, 90.7362



62.3414, 61.4429, 89.2298

Sweetspot

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



61.3810, 61.4457, 47.6557



88.5649, 92.0096, 91.3864



58.9309, 51.0213, 63.8695



18.7083, 19.3847, 18.8999



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.



61.3810, 61.4457, 47.6557



72.8271, 71.9037, 51.0888



69.0224, 76.7284, 50.2028



14.9288, 15.4714, 15.1039



21.5924, 15.7589, 1.9037



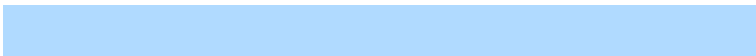
1.6878, 1.3490, 0.1714

Inverse Universe

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



53.1712, 57.7811, 84.6947



61.0416, 66.6410, 104.2535



46.7156, 44.8698, 82.5428



14.2160, 15.1535, 18.3200



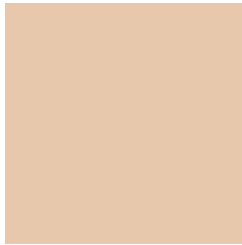
12.1952, 11.4525, 43.9510



0.9940, 1.0319, 3.2788

Previews

White Background



This preview shows how the XYZ color 61.3794, 61.4429, 47.6544 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 61.3794, 61.4429, 47.6544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

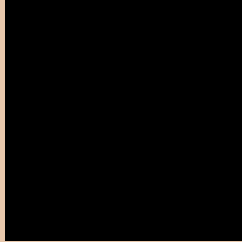
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.3794, 61.4429, 47.6544

Background



This preview shows how black text looks on a background with the XYZ color 61.3794, 61.4429, 47.6544.



This preview shows how white text looks on a background with the XYZ color 61.3794, 61.4429,

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

61.3794, 61.4429, 47.6544

Protanopia

58.1845, 61.5095, 49.3633

Deuteranopia

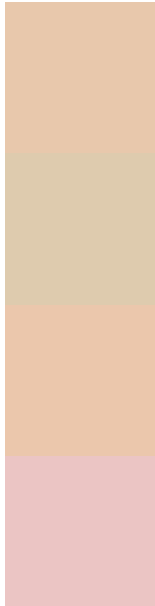
62.5655, 61.3712, 47.5780



Tritanopia

65.7400, 61.5162, 69.3817

Trichromacy



Original Color

61.3794, 61.4429, 47.6544

Protanomaly

59.1201, 61.2975, 48.7600

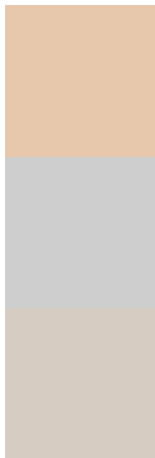
Deuteranomaly

62.1308, 61.4876, 47.6234

Tritanomaly

64.1910, 61.5802, 60.7275

Monochromacy



Original Color

61.3794, 61.4429, 47.6544

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

59.3548, 61.5278, 59.7867

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.3794, 61.4429, 47.6544 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(232, 200, 172)` looks like.

```
.text, #text, p{  
    color:rgb(232, 200, 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(232, 200, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 200, 172) }
```

Border

The CSS property to change the border of an element to XYZ 61.3794, 61.4429, 47.6544 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(232, 200, 172) }
```


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

```
.border{ border-color:rgb(232, 200, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 200, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 200, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 200, 172);  
box-shadow:4px 4px 4px 4px rgb(232, 200,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 61.3794, 61.4429, 47.6544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 200, 172) }
```

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

```
.background{ background-color: rgb(232,  
200, 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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