

Converting Colors

XYZ(58.8698, 57.7295, 43.2774)

Have a look what the booklet for
XYZ(58.8698, 57.7295, 43.2774)
contains.

XYZ(59.0495, 57.9761, 43.2002)	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(59.0495, 57.9761,
43.2002)**

Conversions

Conversions Part 1

Format	Color
Hex	E8C1A4
RGB	232, 193, 164
RGB Percent	91%, 76%, 64%
CMY	0.0902, 0.2431, 0.3569
CMYK	0.00, 0.17, 0.29, 0.09
HSL	26°, 60%, 78%
HSV	26°, 29%, 91%
XYZ	59.0495, 57.9761, 43.2002
YIQ	201.3550, 32.5530, -0.7510

Conversions

Conversions Part 2

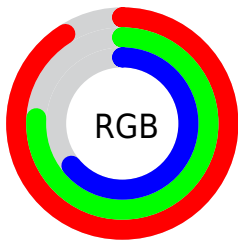
Format	Color
R _Y B	232, 215, 164
Decimal	15253924
CIE Lab	80.73, 9.72, 19.81
CIE LCh	81, 22.063, 63.858
Yxy	57.9761, 0.3685, 0.3618
Android (android.graphics.Color)	4293444004 (0xFFE8C1A4)
YUV	201.3550, -18.4160, 26.8757
Hunter-Lab	76.1420, 5.1813, 19.6605

Details

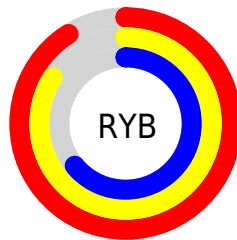
The XYZ color **59.0495, 57.9761, 43.2002** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **51.2306, 56.4287, 84.5357**, and the grayscale version is **55.8355, 58.7433, 63.9715**.

A 20% lighter version of the original color is **87.9019, 94.1258, 80.5530**, and **29.8364, 28.7490, 19.3058** is the 20% darker color. If you saturate the color by 10%, you get **54.3328, 51.5952, 32.2172**, and if you desaturate by 10%, it is **64.4160, 65.0444, 56.2867**.

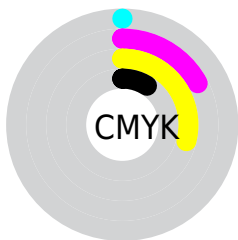
Distribution



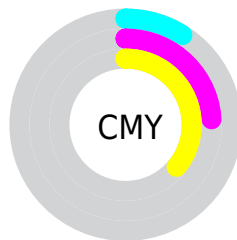
- Red (91%)
- Green (76%)
- Blue (64%)



- Red (91%)
- Yellow (84%)
- Blue (64%)



- Cyan (0%)
- Magenta (17%)
- Yellow (29%)
- Black (9%)





- Cyan (9%)
- Magenta (24%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.0495, 57.9761, 43.2002 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 59.0495, 57.9761, 43.2002 by changing the saturation by 10% instead.


 59.0495, 57.9761,
43.2002


 59.0495, 57.9761,
43.2002


410.9764,
417.0969, 375.3798

 42.8995, 41.7894,
29.7097


 102.5638,
101.8881, 81.3025

 30.0004, 28.9364,
19.3681


 130.6588,
130.3821, 106.7513

 19.9870, 19.0328,
11.7571


163.4662,
163.7475, 137.0233

 12.4938, 11.6939,
6.4580

201.3514,
202.3685, 172.5370

 7.1555, 6.5356,
3.0522

244.6796,
246.6295, 213.7110

 3.6067, 3.1734,
1.1214

293.8163,

 1.4821, 1.2229,

296.9150, 260.9637

0.0000

349.1268,
353.6093, 314.7138

■ 0.3136, 0.0803,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.0495, 57.9761,
43.2002

■ 59.0495, 57.9761,
43.2002

■ 54.3328, 51.5952,
32.2172

■ 64.4160, 65.0444,
56.2867

■ 50.2337, 45.8716,
23.2221

■ 70.4538, 72.8132,
71.5764

■ 46.7237, 40.7843,
16.0939

■ 77.1887, 81.3052,
89.1673

■ 43.7699, 36.3080,
10.6964

■ 84.3523, 90.4229,
107.6153

■ 41.3353, 32.4153,
6.8746

■ 87.0888, 95.8958,
108.5274

■ 39.3774, 29.0758,
4.4453

■ 37.8329, 26.2500,
3.1187

■ 37.7366, 26.0716,
3.0434

Harmonies

Analogous

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



62.6931, 57.9761, 50.1710



59.0495, 57.9761, 43.2002



54.5180, 57.9761, 41.2831

Triad

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



59.0495, 57.9761, 43.2002



46.8289, 57.9761, 64.8271



60.1236, 57.9761, 86.3010

Complementary

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



59.0495, 57.9761, 43.2002



51.2306, 56.4287, 84.5357

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.



55.6953, 57.9761, 91.5683



59.0495, 57.9761, 43.2002



48.1544, 57.9761, 78.1390

Square

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



59.0495, 57.9761, 43.2002



47.6184, 57.9761, 52.7184



51.3393, 57.9761, 88.3944



63.3369, 57.9761, 74.8207

Rectangle

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



59.0495, 57.9761, 43.2002



51.6413, 57.9761, 42.8734



51.3393, 57.9761, 88.3944



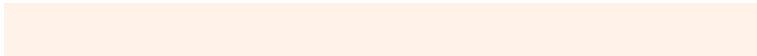
58.7193, 57.9761, 88.9235

Sweetspot

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



59.0510, 57.9788, 43.2014



87.5169, 90.4976, 89.2363



57.4137, 48.0510, 63.1665



18.4859, 19.0563, 18.4673



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.



59.0510, 57.9788, 43.2014



69.6499, 67.1038, 45.2376



67.2669, 74.4105, 45.9400



14.8799, 15.3736, 15.0876



21.0690, 14.7122, 1.7293



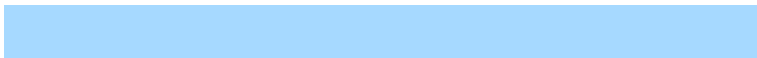
1.6475, 1.2683, 0.1580

Inverse Universe

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



51.2306, 56.4287, 84.5357



58.5186, 64.8901, 104.0485



44.1883, 42.3440, 82.1883



14.2656, 15.2526, 18.3365



12.8732, 12.8085, 44.1770



1.0430, 1.1299, 3.2951

Previews

White Background



This preview shows how the XYZ color 59.0495, 57.9761, 43.2002 looks on a white background.

Color Contrast Check

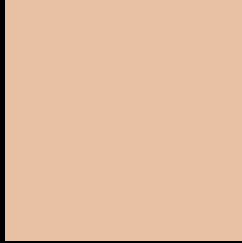
Large Text (above 18pt) WCAG AA × Fail

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 59.0495, 57.9761, 43.2002 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

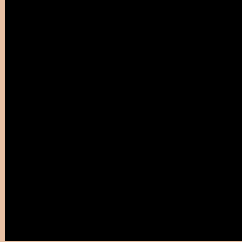
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.0495, 57.9761, 43.2002

Background



This preview shows how black text looks on a background with the XYZ color 59.0495, 57.9761, 43.2002.



This preview shows how white text looks on a background with the XYZ color 59.0495, 57.9761,

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

59.0495, 57.9761, 43.2002

Protanopia

54.7807, 58.0956, 44.8855

Deuteranopia

59.3751, 58.1439, 43.2155



Tritanopia

63.2360, 58.0636, 63.7516

Trichromacy



Original Color

59.0495, 57.9761, 43.2002

Protanomaly

56.0626, 57.7457, 44.2676

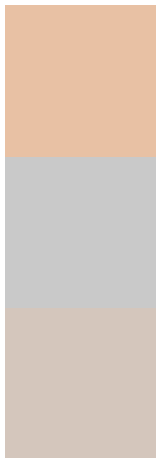
Deuteranomaly

59.3751, 58.1439, 43.2155

Tritanomaly

61.7515, 58.1199, 55.5406

Monochromacy



Original Color

59.0495, 57.9761, 43.2002

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

56.4226, 58.0161, 55.8014

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.0495, 57.9761, 43.2002 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, 193, 164)` looks like.

```
.text, #text, p{  
    color:rgb(232, 193, 164)  
}
```

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, 193, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 193, 164) }
```

Border

The CSS property to change the border of an element to XYZ 59.0495, 57.9761, 43.2002 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, 193, 164) }
```


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

```
.border{ border-color:rgb(232, 193, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 193, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 193, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 193, 164);  
box-shadow:4px 4px 4px 4px rgb(232, 193,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 59.0495, 57.9761, 43.2002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 193, 164) }
```

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

```
.background{ background-color: rgb(232,  
193, 164) }
```

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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