

Converting Colors

XYZ(59.5484, 61.0699, 43.8707)

Have a look what the booklet for
XYZ(59.5484, 61.0699, 43.8707)
contains.

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Color

**XYZ(59.5824, 60.9476,
43.7457)**

Conversions

Conversions Part 1

Format	Color
Hex	E4C9A4
RGB	228, 201, 164
RGB Percent	89%, 79%, 64%
CMY	0.1059, 0.2117, 0.3569
CMYK	0.00, 0.12, 0.28, 0.11
HSL	35°, 54%, 77%
HSV	35°, 28%, 89%
XYZ	59.5824, 60.9476, 43.7457
YIQ	204.8550, 27.9690, -5.7830

Conversions

Conversions Part 2

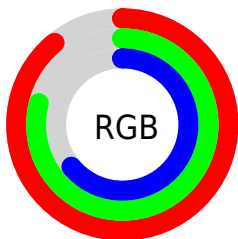
Format	Color
R _Y B	211, 228, 164
Decimal	14993828
CIE Lab	82.35, 4.00, 21.99
CIE LCh	82, 22.352, 79.702
Yxy	60.9476, 0.3627, 0.3710
Android (android.graphics.Color)	4293183908 (0xFFE4C9A4)
YUV	204.8550, -20.1415, 20.2982
Hunter-Lab	78.0689, -0.3890, 21.4253

Details

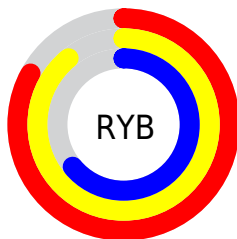
The XYZ color **59.5824, 60.9476, 43.7457** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **47.9438, 50.7542, 80.6686**, and the grayscale version is **58.0490, 61.0721, 66.5075**.

A 20% lighter version of the original color is **89.7862, 97.8945, 81.1811**, and **30.3716, 30.8079, 19.6750** is the 20% darker color. If you saturate the color by 10%, you get **55.5334, 55.8545, 33.1321**, and if you desaturate by 10%, it is **64.1441, 66.4747, 56.3527**.

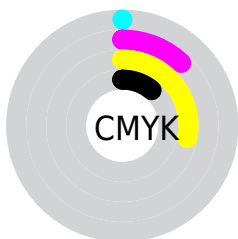
Distribution



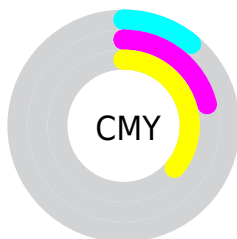
- Red (89%)
- Green (79%)
- Blue (64%)



- Red (83%)
- Yellow (89%)
- Blue (64%)



- Cyan (0%)
- Magenta (12%)
- Yellow (28%)
- Black (11%)





- Cyan (11%)
- Magenta (21%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.5824, 60.9476, 43.7457 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 59.5824, 60.9476, 43.7457 by changing the saturation by 10% instead.


 59.5824, 60.9476,
43.7457


 59.5824, 60.9476,
43.7457


412.9162,
428.0818, 377.6805

 43.3303, 44.1829,
30.1349


 103.3334,
106.2031, 82.1333

 30.3400, 30.8143,
19.6881


 131.5631,
135.4626, 107.7473

 20.2462, 20.4575,
11.9867


164.5160,
169.6559, 138.1993

 12.6834, 12.7280,
6.6122

202.5574,
209.1672, 173.9081

 7.2864, 7.2415,
3.1460

246.0528,
254.3811, 215.2920

 3.6898, 3.6136,
1.1697

295.3675,

 1.5282, 1.4599,

305.6819, 262.7697

0.0000

350.8669,
363.4540, 316.7597

■ 0.3449, 0.2602,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.5824, 60.9476,
43.7457

■ 59.5824, 60.9476,
43.7457

■ 55.5334, 55.8545,
33.1321

■ 64.1441, 66.4747,
56.3527

■ 51.9702, 51.1740,
24.4034

■ 69.2345, 72.4397,
71.0462

■ 48.8700, 46.8952,
17.4464

■ 74.8747, 78.8571,
87.9182

■ 46.2063, 43.0029,
12.1339

■ 81.0504, 85.7249,
106.8825

■ 43.9490, 39.4808,
8.3220

■ 83.9488, 91.5217,
107.8486

■ 42.0633, 36.3102,
5.8408

■ 85.8050, 95.2340,
108.4673

■ 40.5009, 33.4673,
4.4516

■ 40.2232, 32.9504,
4.2401

Harmonies

Analogous

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



64.0596, 60.9476, 48.2914



59.5824, 60.9476, 43.7457



54.8943, 60.9476, 44.5946

Triad

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



59.5824, 60.9476, 43.7457



49.7233, 60.9476, 75.6077



65.2023, 60.9476, 84.8223

Complementary

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



59.5824, 60.9476, 43.7457



47.9438, 50.7542, 80.6686

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.



61.0733, 60.9476, 94.2606



59.5824, 60.9476, 43.7457



52.2023, 60.9476, 88.4561

Square

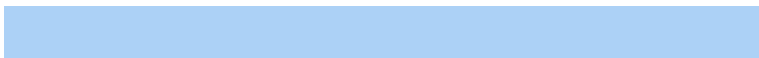
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



59.5824, 60.9476, 43.7457



49.3730, 60.9476, 61.7800



56.3062, 60.9476, 95.6747



67.4202, 60.9476, 71.1642

Rectangle

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



59.5824, 60.9476, 43.7457



52.2704, 60.9476, 48.1497



56.3062, 60.9476, 95.6747



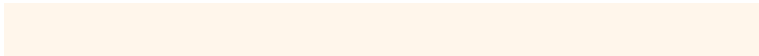
63.9816, 60.9476, 88.6687

Sweetspot

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



59.5840, 60.9504, 43.7470



89.2538, 93.3873, 91.6160



54.7558, 46.8396, 55.8700



18.8817, 19.7316, 18.9577



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.



59.5840, 60.9504, 43.7470



73.5189, 74.4644, 47.6907



65.1025, 73.9722, 45.9696



15.0656, 15.7451, 15.1495



23.3461, 19.2663, 2.4883



1.8167, 1.6067, 0.2144

Inverse Universe

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



47.9438, 50.7542, 80.6686



56.0626, 59.1783, 103.0755



43.4850, 40.5073, 78.9258



14.0800, 14.8813, 18.2746



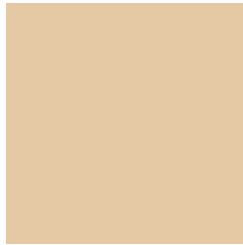
10.6221, 8.3062, 43.4266



0.8752, 0.7943, 3.2392

Previews

White Background



This preview shows how the XYZ color 59.5824, 60.9476, 43.7457 looks on a white background.

Color Contrast Check

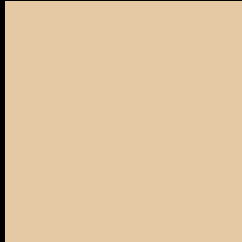
Large Text (above 18pt) WCAG AA × Fail

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 59.5824, 60.9476, 43.7457 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

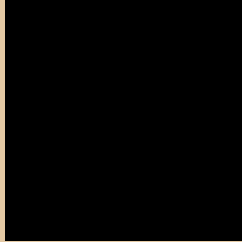
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.5824, 60.9476, 43.7457

Background



This preview shows how black text looks on a background with the XYZ color 59.5824, 60.9476, 43.7457.



This preview shows how white text looks on a background with the XYZ color 59.5824, 60.9476,

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

59.5824, 60.9476, 43.7457

Protanopia

57.3295, 61.1675, 44.8613

Deuteranopia

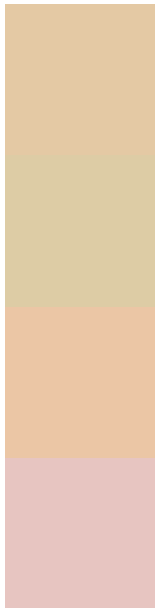
62.3544, 60.9998, 44.0850



Tritanopia

64.7522, 61.0070, 69.3355

Trichromacy



Original Color

59.5824, 60.9476, 43.7457

Protanomaly

58.2032, 61.2745, 44.3568

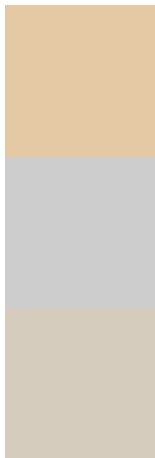
Deuteranomaly

61.2466, 60.7669, 44.0985

Tritanomaly

62.5469, 60.7717, 58.8856

Monochromacy



Original Color

59.5824, 60.9476, 43.7457

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

58.3277, 61.0496, 57.4247

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.5824, 60.9476, 43.7457 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(228, 201, 164)` looks like.

```
.text, #text, p{  
    color:rgb(228, 201, 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(228, 201, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 201, 164) }
```

Border

The CSS property to change the border of an element to XYZ 59.5824, 60.9476, 43.7457 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(228, 201, 164) }
```


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

```
.border{ border-color:rgb(228, 201, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 201, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 201, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 201, 164);  
box-shadow:4px 4px 4px 4px rgb(228, 201,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 59.5824, 60.9476, 43.7457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 201, 164) }
```

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

```
.background{ background-color: rgb(228,  
201, 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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