

Converting Colors

XYZ(59.9885, 59.5001, 43.0243)

Have a look what the booklet for
XYZ(59.9885, 59.5001, 43.0243)
contains.

XYZ(59.9551, 59.4478, 42.9649)	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(59.9551, 59.4478,
42.9649)**

Conversions

Conversions Part 1

Format	Color
Hex	E9C4A3
RGB	233, 196, 163
RGB Percent	91%, 77%, 64%
CMY	0.0863, 0.2314, 0.3608
CMYK	0.00, 0.16, 0.30, 0.09
HSL	28°, 61%, 78%
HSV	28°, 30%, 91%
XYZ	59.9551, 59.4478, 42.9649
YIQ	203.3010, 32.6450, -2.4190

Conversions

Conversions Part 2

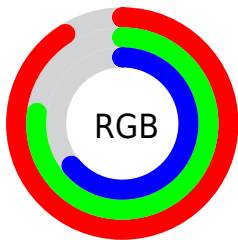
Format	Color
RYB	233, 225, 163
Decimal	15320227
CIELab	81.54, 8.39, 21.47
CIELCh	82, 23.054, 68.652
Yxy	59.4478, 0.3693, 0.3661
Android (android.graphics.Color)	4293510307 (0xFFE9C4A3)
YUV	203.3010, -19.8684, 26.0460
Hunter-Lab	77.1024, 3.8730, 20.9326

Details

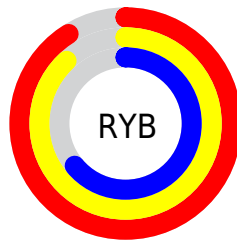
The XYZ color **59.9551, 59.4478, 42.9649** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **50.4661, 54.9768, 85.0429**, and the grayscale version is **57.0618, 60.0335, 65.3765**.

A 20% lighter version of the original color is **89.0202, 96.5725, 80.2782**, and **30.4467, 29.7238, 19.1715** is the 20% darker color. If you saturate the color by 10%, you get **55.3925, 53.3613, 32.0760**, and if you desaturate by 10%, it is **65.1334, 66.1496, 55.9579**.

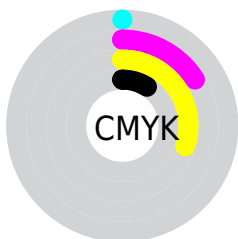
Distribution



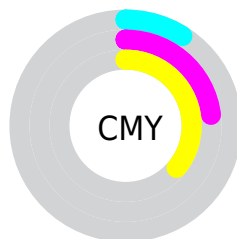
- Red (91%)
- Green (77%)
- Blue (64%)



- Red (91%)
- Yellow (88%)
- Blue (64%)



- Cyan (0%)
- Magenta (16%)
- Yellow (30%)
- Black (9%)





- Cyan (9%)
- Magenta (23%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.9551, 59.4478, 42.9649 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 59.9551, 59.4478, 42.9649 by changing the saturation by 10% instead.

 59.9551, 59.4478,
42.9649


 59.9551, 59.4478,
42.9649


414.2696,
422.5594, 374.3844

 43.6318, 42.9737,
29.5264


 103.8712,
104.0282, 80.9437

 30.5778, 29.8645,
19.2304


 132.1948,
132.9033, 106.3210

 20.4278, 19.7357,
11.6584


165.2491,
166.6809, 136.5150

 12.8165, 12.2031,
6.3918

203.3995,
205.7453, 171.9443

 7.3784, 6.8822,
3.0121

247.0114,
250.4810, 213.0273

 3.7483, 3.3885,
1.1008

296.4502,

 1.5607, 1.3378,

301.2723, 260.1826

0.0000

352.0811,
358.5036, 313.8288

■ 0.3666, 0.1702,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.9551, 59.4478,
42.9649

■ 59.9551, 59.4478,
42.9649

■ 55.3925, 53.3613,
32.0760

■ 65.1334, 66.1496,
55.9579

■ 51.4145, 47.8626,
23.1743

■ 70.9477, 73.4769,
71.1560

■ 47.9937, 42.9338,
16.1370

■ 77.4226, 81.4499,
88.6580

■ 45.0984, 38.5528,
10.8260

■ 84.3863, 90.0075,
107.5333

■ 42.6928, 34.6956,
7.0836

■ 87.4144, 96.0637,
108.5427

■ 40.7354, 31.3351,
4.7225

■ 39.1651, 28.4451,
3.4262

Harmonies

Analogous

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



64.0779, 59.4478, 49.4841



59.9551, 59.4478, 42.9649



55.1164, 59.4478, 41.8160

Triad

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



59.9551, 59.4478, 42.9649



47.8029, 59.4478, 68.8167



62.5103, 59.4478, 87.8237

Complementary

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



59.9551, 59.4478, 42.9649



50.4661, 54.9768, 85.0429

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.



57.9133, 59.4478, 94.7751



59.9551, 59.4478, 42.9649



49.5505, 59.4478, 82.8205

Square

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



59.9551, 59.4478, 42.9649



48.2804, 59.4478, 55.5133



53.1867, 59.4478, 92.8241



65.6107, 59.4478, 74.9110

Rectangle

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



59.9551, 59.4478, 42.9649



52.1624, 59.4478, 44.0649



53.1867, 59.4478, 92.8241



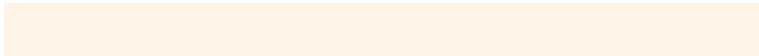
61.0787, 59.4478, 91.0132

Sweetspot

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



59.9566, 59.4505, 42.9661



87.8245, 91.1129, 89.3389



57.1664, 47.7045, 61.0436



18.5615, 19.2075, 18.4925



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.



59.9566, 59.4505, 42.9661



70.0566, 68.2872, 44.2327



68.6983, 76.9338, 45.8800



15.6511, 16.2253, 15.8256



22.3450, 16.3843, 1.9848



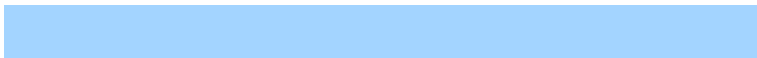
1.8502, 1.4778, 0.1877

Inverse Universe

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



50.4661, 54.9768, 85.0429



56.6680, 61.9732, 103.5830



43.3282, 40.7012, 82.6636



14.8902, 15.8668, 19.2001



12.4999, 11.6468, 45.3322



1.0778, 1.1070, 3.5917

Previews

White Background



This preview shows how the XYZ color 59.9551, 59.4478, 42.9649 looks on a white background.

Color Contrast Check

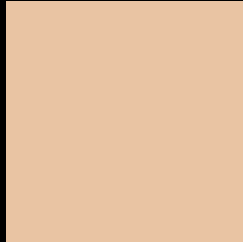
Large Text (above 18pt) WCAG AA × Fail

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 59.9551, 59.4478, 42.9649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

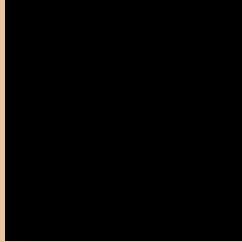
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.9551, 59.4478, 42.9649

Background



This preview shows how black text looks on a background with the XYZ color 59.9551, 59.4478, 42.9649.



This preview shows how white text looks on a background with the XYZ color 59.9551, 59.4478,

42.9649.

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

59.9551, 59.4478, 42.9649

Protanopia

56.0278, 59.4413, 44.5967

Deuteranopia

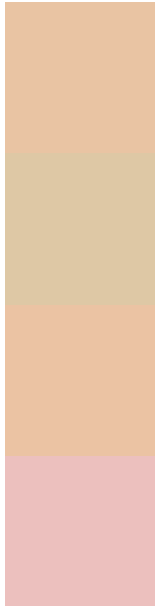
60.7180, 59.5074, 42.9362



Tritanopia

64.6928, 59.4118, 65.8156

Trichromacy



Original Color

59.9551, 59.4478, 42.9649

Protanomaly

57.5700, 59.5548, 44.0583

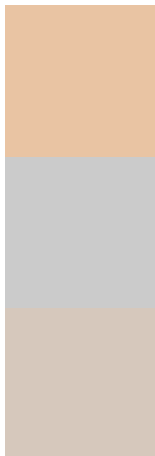
Deuteranomaly

60.3869, 59.3367, 42.9207

Tritanomaly

62.7360, 59.2498, 56.8450

Monochromacy



Original Color

59.9551, 59.4478, 42.9649

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

57.4629, 59.2355, 55.9819

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.9551, 59.4478, 42.9649 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(233, 196, 163)` looks like.

```
.text, #text, p{  
    color:rgb(233, 196, 163)  
}
```

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(233, 196, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 196, 163) }
```

Border

The CSS property to change the border of an element to XYZ 59.9551, 59.4478, 42.9649 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(233, 196, 163) }
```


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

```
.border{ border-color:rgb(233, 196, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 196, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 196, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 196, 163);  
box-shadow:4px 4px 4px 4px rgb(233, 196,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 59.9551, 59.4478, 42.9649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 196, 163) }
```

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

```
.background{ background-color: rgb(233,  
196, 163) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor