

Converting Colors

XYZ(60.7296, 59.3603, 49.8519)

Have a look what the booklet for
XYZ(60.7296, 59.3603, 49.8519)
contains.

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Color

**XYZ(60.7296, 59.3603,
49.8519)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | E8C3B1 |
| RGB | 232, 195, 177 |
| RGB Percent | 91%, 76%, 69% |
| CMY | 0.0902, 0.2353, 0.3059 |
| CMYK | 0.00, 0.16, 0.24, 0.09 |
| HSL | 20°, 54%, 80% |
| HSV | 20°, 24%, 91% |
| XYZ | 60.7296, 59.3603, 49.8519 |
| YIQ | 204.0110, 27.8300, 2.2460 |

Conversions

Conversions Part 2

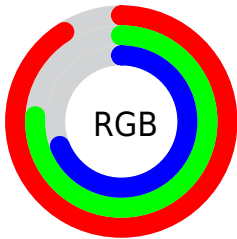
| Format | Color |
|-------------------------------------|--|
| RYB | 232, 204, 177 |
| Decimal | 15254449 |
| CIELab | 81.49, 10.44, 13.94 |
| CIElCh | 81, 17.412, 53.171 |
| Yxy | 59.3603, 0.3574, 0.3493 |
| Android (android.graphics.Color) | 4293444529 (0xFFE8C3B1) |
| YUV | 204.0110, -13.3164, 24.5464 |
| Hunter-Lab | 77.0456, 5.8690, 15.5687 |

Details

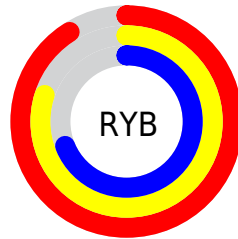
The XYZ color **60.7296, 59.3603, 49.8519** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **56.7430, 63.2648, 85.5649**, and the grayscale version is **57.4719, 60.4649, 65.8463**.

A 20% lighter version of the original color is **90.7584, 96.7640, 90.9846**, and **31.0675, 29.7351, 23.1708** is the 20% darker color. If you saturate the color by 10%, you get **55.2955, 51.8832, 37.5853**, and if you desaturate by 10%, it is **66.9255, 67.7309, 64.3132**.

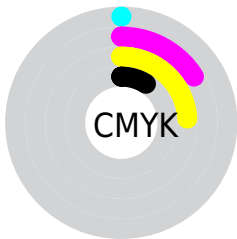
Distribution



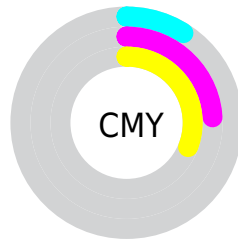
- Red (91%)
- Green (76%)
- Blue (69%)



- Red (91%)
- Yellow (80%)
- Blue (69%)



- Cyan (0%)
- Magenta (16%)
- Yellow (24%)
- Black (9%)





- Cyan (9%)
- Magenta (24%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.7296, 59.3603, 49.8519 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 60.7296, 59.3603, 49.8519 by changing the saturation by 10% instead.

 60.7296, 59.3603,
49.8519

 60.7296, 59.3603,
49.8519


417.0736,
422.2358, 402.8050

 44.2587, 42.9032,
34.9254


 104.9877,
103.9011, 91.3495

 31.0727, 29.8092,
23.3223


133.5055,
132.7537, 118.7576

 20.8063, 19.6938,
14.6241


166.7697,
166.5069, 151.1633

 13.0942, 12.1727,
8.4123

205.1457,
205.5451, 188.9852

 7.5709, 6.8614,
4.2684

248.9987,
250.2527, 232.6417

 3.8711, 3.3756,
1.7737

298.6941,

 1.6295, 1.3308,

301.0141, 282.5515

0.4105

354.5973,
358.2136, 339.1331

0.4115, 0.1649,
0.0000

0.0000, 0.0000,
0.0000

60.7296, 59.3603,
49.8519

60.7296, 59.3603,
49.8519

55.2955, 51.8832,
37.5853

66.9255, 67.7309,
64.3132

50.5874, 45.2613,
27.4015

73.9076, 77.0158,
81.0665

46.5735, 39.4652,
19.1838

81.7051, 87.2450,
100.2074

43.2177, 34.4605,
12.8027

87.0888, 95.8959,
108.5274

■ 40.4800, 30.2104,
8.1127

■ 38.3155, 26.6745,
4.9462

■ 36.6715, 23.8078,
3.0997

■ 35.8596, 22.3173,
2.4177

Harmonies

Analogous

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



63.1167, 59.3603, 57.0476



60.7296, 59.3603, 49.8519



57.2583, 59.3603, 46.6705

Triad

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



60.7296, 59.3603, 49.8519



49.7390, 59.3603, 62.2742



59.2251, 59.3603, 84.9137

Complementary

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



60.7296, 59.3603, 49.8519



56.7430, 63.2648, 85.5649

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.



55.5903, 59.3603, 86.6988



60.7296, 59.3603, 49.8519



50.2149, 59.3603, 72.8633

Square

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



60.7296, 59.3603, 49.8519



50.9905, 59.3603, 53.3251



52.3196, 59.3603, 82.0809



62.2223, 59.3603, 77.4367

Rectangle

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



60.7296, 59.3603, 49.8519



54.8371, 59.3603, 46.9818



52.3196, 59.3603, 82.0809



58.0334, 59.3603, 86.2303

Sweetspot

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



60.7312, 59.3630, 49.8531



88.5966, 91.4804, 93.2236



61.2136, 53.4857, 71.1076



18.8492, 19.4291, 19.6790



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.



60.7312, 59.3630, 49.8531



72.1561, 69.3165, 54.7043



67.3141, 72.5289, 52.0474



14.7604, 15.1347, 15.0478



20.0100, 12.5942, 1.3763



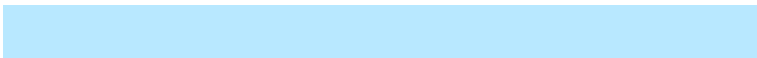
1.5610, 1.0953, 0.1291

Inverse Universe

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



56.7430, 63.2648, 85.5649



66.4732, 74.8644, 105.5545



50.4857, 50.7501, 83.4791



14.3890, 15.4994, 18.3776



14.8108, 16.6836, 44.8228



1.1783, 1.4006, 3.3402

Previews

White Background



This preview shows how the XYZ color 60.7296, 59.3603, 49.8519 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 60.7296, 59.3603, 49.8519 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

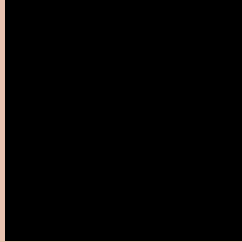
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.7296, 59.3603, 49.8519

Background



This preview shows how black text looks on a background with the XYZ color 60.7296, 59.3603, 49.8519.



This preview shows how white text looks on a background with the XYZ color 60.7296, 59.3603,

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

60.7296, 59.3603, 49.8519

Protanopia

56.3250, 59.4261, 52.2178

Deuteranopia

60.7296, 59.3603, 49.8519



Tritanopia

64.0323, 59.3800, 66.4791

Trichromacy



Original Color

60.7296, 59.3603, 49.8519

Protanomaly

57.8751, 59.2022, 51.5568

Deuteranomaly

60.7296, 59.3603, 49.8519

Tritanomaly

62.6316, 59.1318, 59.7423

Monochromacy



Original Color

60.7296, 59.3603, 49.8519

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

58.3558, 59.9645, 59.5376

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.7296, 59.3603, 49.8519 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, 195, 177)` looks like.

```
.text, #text, p{  
    color:rgb(232, 195, 177)  
}
```

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, 195, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 195, 177) }
```

Border

The CSS property to change the border of an element to XYZ 60.7296, 59.3603, 49.8519 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, 195, 177) }
```


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

```
.border{ border-color:rgb(232, 195, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 195, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 195, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 195, 177);  
box-shadow:4px 4px 4px 4px rgb(232, 195,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 60.7296, 59.3603, 49.8519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 195, 177) }
```

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

```
.background{ background-color: rgb(232,  
195, 177) }
```

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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