

Converting Colors

XYZ(61.4929, 60.0260, 53.8640)

Have a look what the booklet for
XYZ(61.4929, 60.0260, 53.8640)
contains.

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Color

**XYZ(61.3467, 59.9295,
53.6816)**

Conversions

Conversions Part 1

Format	Color
Hex	E7C4B8
RGB	231, 196, 184
RGB Percent	91%, 77%, 72%
CMY	0.0941, 0.2314, 0.2784
CMYK	0.00, 0.15, 0.20, 0.09
HSL	15°, 49%, 81%
HSV	15°, 20%, 91%
XYZ	61.3467, 59.9295, 53.6816
YIQ	205.0970, 24.7120, 3.6880

Conversions

Conversions Part 2

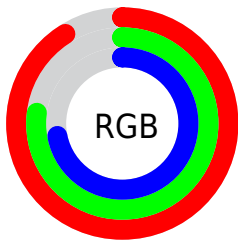
Format	Color
R _Y B	231, 200, 184
Decimal	15189176
CIE Lab	81.80, 10.55, 10.62
CIE LCh	82, 14.973, 45.190
Yxy	59.9295, 0.3506, 0.3425
Android (android.graphics.Color)	4293379256 (0xFFE7C4B8)
YUV	205.0970, -10.4008, 22.7169
Hunter-Lab	77.4141, 5.9772, 13.0762

Details

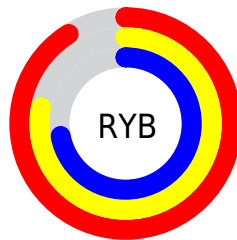
The XYZ color **61.3467, 59.9295, 53.6816** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **59.5220, 66.6213, 85.3239**, and the grayscale version is **58.1445, 61.1725, 66.6169**.

A 20% lighter version of the original color is **92.0935, 97.8018, 96.4619**, and **31.4489, 30.0987, 25.6248** is the 20% darker color. If you saturate the color by 10%, you get **55.4607, 51.7211, 40.7327**, and if you desaturate by 10%, it is **68.0762, 69.1910, 68.8638**.

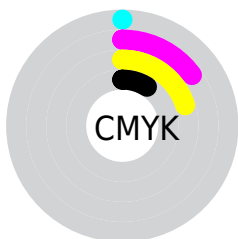
Distribution



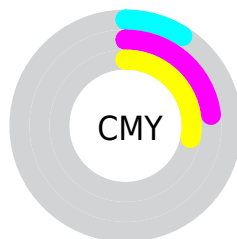
- Red (91%)
- Green (77%)
- Blue (72%)



- Red (91%)
- Yellow (78%)
- Blue (72%)



- Cyan (0%)
- Magenta (15%)
- Yellow (20%)
- Black (9%)





- Cyan (9%)
- Magenta (23%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.3467, 59.9295, 53.6816 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 61.3467, 59.9295, 53.6816 by changing the saturation by 10% instead.


 61.3467, 59.9295,
53.6816

 61.3467, 59.9295,
53.6816


419.2997,
424.3379, 418.0349

 44.7586, 43.3618,
37.9557


 105.8760,
104.7274, 97.0583

 31.4678, 30.1691,
25.6468

134.5480,
133.7264, 125.5461

 21.1089, 19.9670,
16.3362


167.9787,
167.6379, 159.1251

 13.3165, 12.3710,
9.6054

206.5334,
206.8464, 198.2137

 7.7254, 6.9969,
5.0360

250.5775,
251.7363, 243.2304

 3.9701, 3.4602,
2.2093

300.4763,

 1.6852, 1.3764,

302.6919, 294.5938

0.6797

356.5953,
360.0976, 352.7225

■ 0.4470, 0.1993,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.3467, 59.9295,
53.6816

■ 61.3467, 59.9295,
53.6816

■ 55.4607, 51.7211,
40.7327

■ 68.0762, 69.1910,
68.8638

■ 50.3793, 44.5202,
29.9074

■ 75.6763, 79.5332,
86.3743

■ 46.0674, 38.2896,
21.0923

■ 84.1793, 90.9927,
106.3073

■ 42.4856, 32.9867,
14.1619

■ 86.7652, 95.7290,
108.5123

■ 39.5905, 28.5656,
8.9764

■ 37.3340, 24.9762,
5.3765

■ 35.6603, 22.1629,
3.1727

■ 34.5192, 20.1170,
2.0636

Harmonies

Analogous

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



63.0217, 59.9295, 60.8036



61.3467, 59.9295, 53.6816



58.5268, 59.9295, 49.8493

Triad

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



61.3467, 59.9295, 53.6816



51.2925, 59.9295, 60.9098



58.5664, 59.9295, 83.5069

Complementary

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



61.3467, 59.9295, 53.6816



59.5220, 66.6213, 85.3239

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.



55.4238, 59.9295, 83.5421



61.3467, 59.9295, 53.6816



51.3022, 59.9295, 69.9144

Square

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



61.3467, 59.9295, 53.6816



52.7628, 59.9295, 53.7531



52.7898, 59.9295, 78.3782



61.3766, 59.9295, 78.2862

Rectangle

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



61.3467, 59.9295, 53.6816



56.4139, 59.9295, 49.4275



52.7898, 59.9295, 78.3782



57.5120, 59.9295, 84.1404

Sweetspot

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



61.3483, 59.9322, 53.6829



89.1564, 91.9991, 95.2632



62.9153, 56.3983, 74.7611



18.9511, 19.5117, 20.0865



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.



61.3483, 59.9322, 53.6829



73.8616, 70.9589, 60.7248



67.0041, 71.2438, 55.5681



14.6747, 14.9633, 15.0192



19.4361, 11.4464, 1.1850



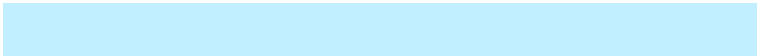
1.5095, 0.9923, 0.1120

Inverse Universe

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



59.5220, 66.6213, 85.3239



71.2214, 80.6120, 106.4136



53.8753, 55.3278, 83.4416



14.4795, 15.6804, 18.4078



16.4612, 19.9845, 45.3730



1.2898, 1.6236, 3.3774

Previews

White Background



This preview shows how the XYZ color 61.3467, 59.9295, 53.6816 looks on a white background.

Color Contrast Check

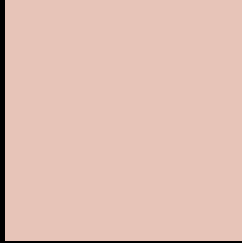
Large Text (above 18pt) WCAG AA × Fail

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 61.3467, 59.9295, 53.6816 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

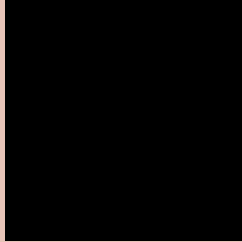
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.3467, 59.9295, 53.6816

Background



This preview shows how black text looks on a background with the XYZ color 61.3467, 59.9295, 53.6816.



This preview shows how white text looks on a background with the XYZ color 61.3467, 59.9295,

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

61.3467, 59.9295, 53.6816

Protanopia

57.2970, 60.1916, 56.1752

Deuteranopia

61.0248, 59.7635, 53.6666



Tritanopia

64.0438, 59.6967, 67.1786

Trichromacy



Original Color

61.3467, 59.9295, 53.6816

Protanomaly

58.5374, 59.8018, 55.4714

Deuteranomaly

61.0248, 59.7635, 53.6666

Tritanomaly

62.9830, 59.5871, 62.2147

Monochromacy



Original Color

61.3467, 59.9295, 53.6816

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

58.9301, 60.5684, 61.4082

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.3467, 59.9295, 53.6816 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(231, 196, 184)` looks like.

```
.text, #text, p{  
    color:rgb(231, 196, 184)  
}
```

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(231, 196, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 196, 184) }
```

Border

The CSS property to change the border of an element to XYZ 61.3467, 59.9295, 53.6816 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(231, 196, 184) }
```


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

```
.border{ border-color:rgb(231, 196, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 196, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(231, 196, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(231, 196, 184); box-shadow:4px 4px 4px 4px rgb(231, 196, 184) }
```

Background

The CSS property to change the background color of an element to XYZ 61.3467, 59.9295, 53.6816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 196, 184) }
```

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

```
.background{ background-color: rgb(231,  
196, 184) }
```

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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