

Converting Colors

XYZ(61.3792, 56.8229, 53.8668)

Have a look what the booklet for
XYZ(61.3792, 56.8229, 53.8668)
contains.

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Color

**XYZ(61.2409, 56.6251,
53.6009)**

Conversions

Conversions Part 1

Format	Color
Hex	EDBAB9
RGB	237, 186, 185
RGB Percent	93%, 73%, 73%
CMY	0.0706, 0.2706, 0.2745
CMYK	0.00, 0.22, 0.22, 0.07
HSL	1°, 59%, 83%
HSV	1°, 22%, 93%
XYZ	61.2409, 56.6251, 53.6009
YIQ	201.1350, 30.7170, 10.5010

Conversions

Conversions Part 2

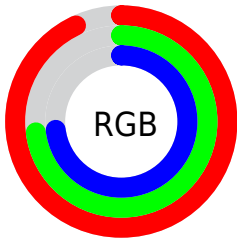
Format	Color
R _Y B	237, 186, 185
Decimal	15579833
CIE Lab	79.97, 18.20, 7.54
CIE LCh	80, 19.700, 22.515
Yxy	56.6251, 0.3572, 0.3302
Android (android.graphics.Color)	4293769913 (0xFFEDBAB9)
YUV	201.1350, -7.9546, 31.4536
Hunter-Lab	75.2497, 13.5829, 10.4420

Details

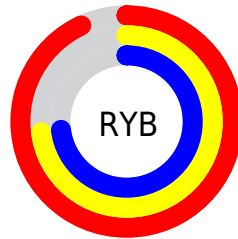
The XYZ color **61.2409, 56.6251, 53.6009** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **65.2883, 76.4175, 91.4302**, and the grayscale version is **55.6368, 58.5342, 63.7437**.

A 20% lighter version of the original color is **88.8693, 91.1151, 96.1222**, and **31.3748, 28.1443, 25.6086** is the 20% darker color. If you saturate the color by 10%, you get **54.4401, 46.6990, 40.0022**, and if you desaturate by 10%, it is **69.2583, 68.3160, 69.6639**.

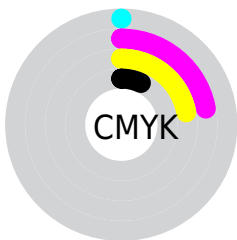
Distribution



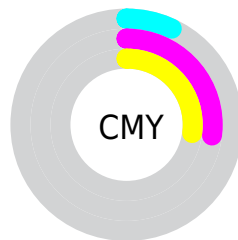
- Red (93%)
- Green (73%)
- Blue (73%)



- Red (93%)
- Yellow (73%)
- Blue (73%)



- Cyan (0%)
- Magenta (22%)
- Yellow (22%)
- Black (7%)





- Cyan (7%)
- Magenta (27%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.2409, 56.6251, 53.6009 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 61.2409, 56.6251, 53.6009 by changing the saturation by 10% instead.

 61.2409, 56.6251,
53.6009

 61.2409, 56.6251,
53.6009


418.9185,
412.0430, 417.7178

 44.6729, 40.7043,
37.8917


 105.7238, 99.9180,
96.9385

 31.4000, 28.0881,
25.5974


134.3694,
128.0588, 125.4039

 21.0570, 18.3921,
16.2997


167.7716,
161.0418, 158.9585

 13.2784, 11.2319,
9.5798

206.2957,
199.2514, 198.0208

 7.6988, 6.2230,
5.0193

250.3071,
243.0719, 243.0094

 3.9530, 2.9812,
2.1997

300.1711,

 1.6756, 1.1219,

292.8877, 294.3427

0.6742

356.2532,
349.0833, 352.4393

■ 0.4409, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.2409, 56.6251,
53.6009

■ 61.2409, 56.6251,
53.6009

■ 54.4401, 46.6990,
40.0022

■ 69.2583, 68.3160,
69.6639

■ 48.7921, 38.4446,
28.7426

■ 78.5426, 81.8433,
88.3009

■ 44.2345, 31.7725,
19.6914

■ 88.7352, 96.7446,
108.6045

■ 40.6969, 26.5814,
12.7036

■ 38.1008, 22.7586,
7.6168

■ 36.3563, 20.1750,
4.2444

■ 35.3562, 18.6772,
2.3622

■ 34.9749, 18.1040,
1.6510

Harmonies

Analogous

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



61.8100, 56.6251, 64.5685



61.2409, 56.6251, 53.6009



58.6368, 56.6251, 45.7793

Triad

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



61.2409, 56.6251, 53.6009



47.9465, 56.6251, 49.2011



52.8250, 56.6251, 86.1684

Complementary

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



61.2409, 56.6251, 53.6009



65.2883, 76.4175, 91.4302

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.



49.2753, 56.6251, 80.8328



61.2409, 56.6251, 53.6009



46.5508, 56.6251, 58.8307

Square

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



61.2409, 56.6251, 53.6009



50.9293, 56.6251, 43.4671



47.0250, 56.6251, 70.4782



56.8190, 56.6251, 84.3181

Rectangle

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



61.2409, 56.6251, 53.6009



56.1640, 56.6251, 42.9456



47.0250, 56.6251, 70.4782



51.5430, 56.6251, 85.1352

Sweetspot

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



61.2424, 56.6277, 53.6021



86.9756, 88.2385, 92.6833



67.4342, 58.7670, 87.2479



18.4750, 18.6807, 19.5542



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.



61.2424, 56.6277, 53.6021



68.8021, 61.7397, 56.2642



67.1927, 68.5282, 55.5855



15.0888, 15.1006, 15.6382



19.1057, 9.9057, 0.9050



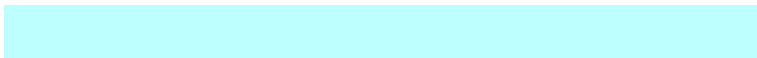
1.5085, 0.7943, 0.0738

Inverse Universe

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



65.2883, 76.4175, 91.4302



74.3147, 88.7060, 107.8129



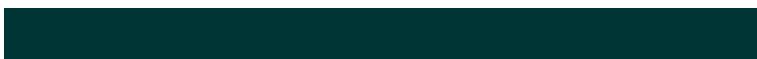
58.3738, 62.5884, 89.1253



15.4913, 17.0690, 19.4004



24.1771, 35.0013, 49.2246



1.9065, 2.7644, 3.8680

Previews

White Background



This preview shows how the XYZ color 61.2409, 56.6251, 53.6009 looks on a white background.

Color Contrast Check

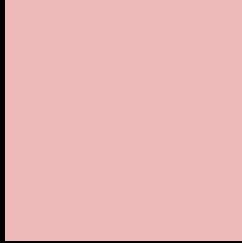
Large Text (above 18pt) WCAG AA × Fail

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 61.2409, 56.6251, 53.6009 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 61.2409, 56.6251, 53.6009

Background



This preview shows how black text looks on a background with the XYZ color 61.2409, 56.6251, 53.6009.



This preview shows how white text looks on a background with the XYZ color 61.2409, 56.6251,

53.6009.

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

61.2409, 56.6251, 53.6009

Protanopia

54.4999, 56.9871, 57.4174

Deuteranopia

57.9328, 56.8479, 53.2668



Tritanopia

62.9301, 56.7089, 61.0552

Trichromacy



Original Color

61.2409, 56.6251, 53.6009

Protanomaly

56.7960, 56.8566, 56.1251

Deuteranomaly

59.0601, 56.7816, 53.1945

Tritanomaly

62.2345, 56.7253, 58.1210

Monochromacy



Original Color

61.2409, 56.6251, 53.6009

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

57.3218, 57.7161, 59.7489

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.2409, 56.6251, 53.6009 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(237, 186, 185)` looks like.

```
.text, #text, p{  
    color:rgb(237, 186, 185)  
}
```

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(237, 186, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 186, 185) }
```

Border

The CSS property to change the border of an element to XYZ 61.2409, 56.6251, 53.6009 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(237, 186, 185) }
```


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

```
.border{ border-color:rgb(237, 186, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 186, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 186, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 186, 185); box-shadow:4px 4px 4px 4px rgb(237, 186, 185) }
```

Background

The CSS property to change the background color of an element to XYZ 61.2409, 56.6251, 53.6009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 186, 185) }
```

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

```
.background{ background-color: rgb(237,  
186, 185) }
```

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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