

Converting Colors

XYZ(62.5635, 61.6358, 53.4433)

Have a look what the booklet for
XYZ(62.5635, 61.6358, 53.4433)
contains.

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Color

**XYZ(62.5749, 61.5894,
53.3896)**

Conversions

Conversions Part 1

Format	Color
Hex	E9C7B7
RGB	233, 199, 183
RGB Percent	91%, 78%, 72%
CMY	0.0863, 0.2196, 0.2823
CMYK	0.00, 0.15, 0.21, 0.09
HSL	19°, 53%, 82%
HSV	19°, 21%, 91%
XYZ	62.5749, 61.5894, 53.3896
YIQ	207.3420, 25.4000, 2.2320

Conversions

Conversions Part 2

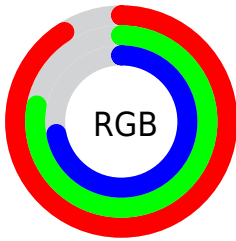
Format	Color
R _Y B	233, 207, 183
Decimal	15321015
CIE Lab	82.69, 9.56, 12.45
CIE LCh	83, 15.699, 52.484
Yxy	61.5894, 0.3524, 0.3469
Android (android.graphics.Color)	4293511095 (0xFFE9C7B7)
YUV	207.3420, -12.0006, 22.5021
Hunter-Lab	78.4789, 4.9883, 14.6000

Details

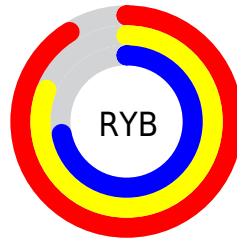
The XYZ color **62.5749, 61.5894, 53.3896** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **59.0486, 65.5743, 86.6360**, and the grayscale version is **59.5936, 62.6971, 68.2771**.

A 20% lighter version of the original color is **92.5800, 99.0120, 95.8931**, and **32.2861, 31.2096, 25.4415** is the 20% darker color. If you saturate the color by 10%, you get **56.8908, 53.7860, 40.5042**, and if you desaturate by 10%, it is **69.0433, 70.3179, 68.5185**.

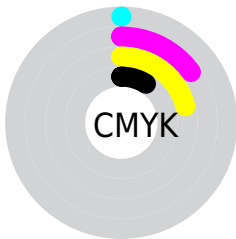
Distribution



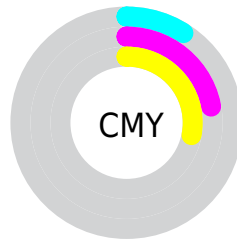
- Red (91%)
- Green (78%)
- Blue (72%)



- Red (91%)
- Yellow (81%)
- Blue (72%)



- Cyan (0%)
- Magenta (15%)
- Yellow (21%)
- Black (9%)





- Cyan (9%)
- Magenta (22%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.5749, 61.5894, 53.3896 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 62.5749, 61.5894, 53.3896 by changing the saturation by 10% instead.


 62.5749, 61.5894,
53.3896

 62.5749, 61.5894,
53.3896


423.7093,
430.4318, 416.8867

 45.7547, 44.7010,
37.7240


 107.6413,
107.1319, 96.6248

 32.2561, 31.2220,
25.4684


136.6182,
136.5548, 125.0314

 21.7137, 20.7679,
16.2042

170.3780,
170.9246, 158.5222

 13.7621, 12.9545,
9.5128

209.2862,
210.6258, 197.5156

 8.0360, 7.3972,
4.9758

253.7081,
256.0427, 242.4303

 4.1700, 3.7117,
2.1746

304.0090,

 1.7987, 1.5137,

307.5597, 293.6846

0.6596

360.5543,
365.5613, 351.6972

■ 0.5169, 0.2983,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.5749, 61.5894,
53.3896

■ 62.5749, 61.5894,
53.3896

■ 56.8908, 53.7860,
40.5042

■ 69.0433, 70.3179,
68.5185

■ 51.9547, 46.8684,
29.7506

■ 76.3205, 79.9927,
85.9875

■ 47.7348, 40.8064,
21.0132

■ 84.4359, 90.6445,
105.8922

■ 44.1947, 35.5652,
14.1640

■ 87.4144, 96.0637,
108.5427

■ 41.2947, 31.1071,
9.0599

■ 38.9899, 27.3912,
5.5369

■ 37.2288, 24.3719,
3.3993

■ 36.0922, 22.2994,
2.4019

Harmonies

Analogous

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



64.7335, 61.5894, 60.2099



62.5749, 61.5894, 53.3896



59.3907, 61.5894, 50.2912

Triad

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



62.5749, 61.5894, 53.3896



52.3460, 61.5894, 64.6618



61.0524, 61.5894, 85.7134

Complementary

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



62.5749, 61.5894, 53.3896



59.0486, 65.5743, 86.6360

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.



57.6953, 61.5894, 87.1957



62.5749, 61.5894, 53.3896



52.7526, 61.5894, 74.4117

Square

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



62.5749, 61.5894, 53.3896



53.5474, 61.5894, 56.3806



54.6802, 61.5894, 82.8858



63.8312, 61.5894, 79.0103

Rectangle

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



62.5749, 61.5894, 53.3896



57.1491, 61.5894, 50.5221



54.6802, 61.5894, 82.8858



59.9510, 61.5894, 86.8633

Sweetspot

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



62.5766, 61.5922, 53.3909



89.4544, 92.5950, 95.3625



63.0844, 56.2097, 73.2845



19.0213, 19.6522, 20.1100



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.



62.5766, 61.5922, 53.3909



73.4202, 70.9759, 57.8036



68.7628, 73.9647, 55.4530



15.4590, 15.8411, 15.7616



20.5785, 12.8512, 1.3959



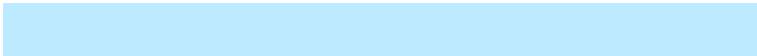
1.6999, 1.1772, 0.1376

Inverse Universe

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



59.0486, 65.5743, 86.6360



68.3215, 76.7196, 105.8152



53.1233, 53.7237, 84.6609



15.0876, 16.2616, 19.2659



15.4406, 17.5282, 46.3124



1.2987, 1.5488, 3.6654

Previews

White Background



This preview shows how the XYZ color 62.5749, 61.5894, 53.3896 looks on a white background.

Color Contrast Check

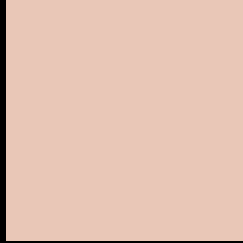
Large Text (above 18pt) WCAG AA × Fail

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 62.5749, 61.5894, 53.3896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

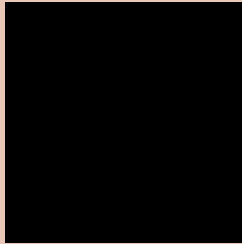
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.5749, 61.5894, 53.3896

Background



This preview shows how black text looks on a background with the XYZ color 62.5749, 61.5894, 53.3896.



This preview shows how white text looks on a background with the XYZ color 62.5749, 61.5894,

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

62.5749, 61.5894, 53.3896

Protanopia

58.4258, 61.5040, 55.2465

Deuteranopia

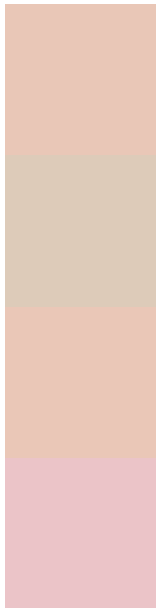
62.9024, 61.7582, 53.4050



Tritanopia

65.7400, 61.5162, 69.3817

Trichromacy



Original Color

62.5749, 61.5894, 53.3896

Protanomaly

59.9317, 61.5868, 54.6276

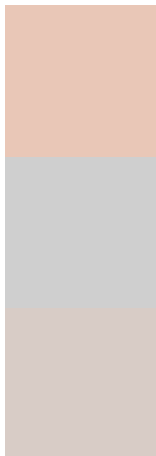
Deuteranomaly

62.9024, 61.7582, 53.4050

Tritanomaly

64.4262, 61.3122, 63.0824

Monochromacy



Original Color

62.5749, 61.5894, 53.3896

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

60.1048, 61.8619, 62.1988

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.5749, 61.5894, 53.3896 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, 199, 183)` looks like.

```
.text, #text, p{  
    color:rgb(233, 199, 183)  
}
```

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, 199, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 199, 183) }
```

Border

The CSS property to change the border of an element to XYZ 62.5749, 61.5894, 53.3896 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, 199, 183) }
```


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

```
.border{ border-color:rgb(233, 199, 183) }
```

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

Here you see how a box with a 4 pixel rgb(233, 199, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 199, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 199, 183);  
box-shadow:4px 4px 4px 4px rgb(233, 199,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 62.5749, 61.5894, 53.3896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 199, 183) }
```

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

```
.background{ background-color: rgb(233,  
199, 183) }
```

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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