

Converting Colors

XYZ(62.3062, 61.0302, 54.9505)

Have a look what the booklet for
XYZ(62.3062, 61.0302, 54.9505)
contains.

XYZ(62.3357, 61.0891, 54.9603)	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(62.3357, 61.0891,
54.9603)**

Conversions

Conversions Part 1

Format	Color
Hex	E8C6BA
RGB	232, 198, 186
RGB Percent	91%, 78%, 73%
CMY	0.0902, 0.2235, 0.2706
CMYK	0.00, 0.15, 0.20, 0.09
HSL	16°, 50%, 82%
HSV	16°, 20%, 91%
XYZ	62.3357, 61.0891, 54.9603
YIQ	206.7980, 24.1160, 3.4760

Conversions

Conversions Part 2

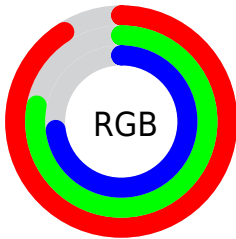
Format	Color
R _Y B	232, 202, 186
Decimal	15255226
CIE Lab	82.43, 10.16, 10.46
CIE LCh	82, 14.581, 45.828
Yxy	61.0891, 0.3494, 0.3425
Android (android.graphics.Color)	4293445306 (0xFFE8C6BA)
YUV	206.7980, -10.2534, 22.1022
Hunter-Lab	78.1595, 5.5826, 13.0201

Details

The XYZ color **62.3357, 61.0891, 54.9603** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **60.4079, 67.4501, 86.1797**, and the grayscale version is **59.2325, 62.3172, 67.8635**.

A 20% lighter version of the original color is **93.0270, 99.1908, 98.2471**, and **32.1114, 30.8701, 26.4564** is the 20% darker color. If you saturate the color by 10%, you get **56.3674, 52.7839, 41.7746**, and if you desaturate by 10%, it is **69.1515, 70.4473, 70.4055**.

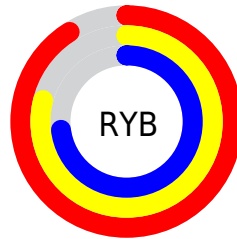
Distribution



Red (91%)

Green (78%)

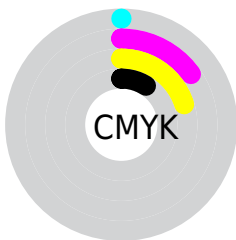
Blue (73%)



Red (91%)

Yellow (79%)

Blue (73%)

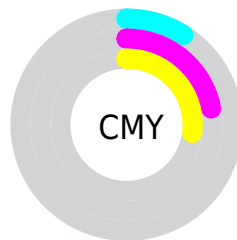


Cyan (0%)

Magenta (15%)

Yellow (20%)

Black (9%)



Cyan (9%)


Magenta (22%)

Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.3357, 61.0891, 54.9603 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 62.3357, 61.0891, 54.9603 by changing the saturation by 10% instead.


 62.3357, 61.0891,
54.9603

 62.3357, 61.0891,
54.9603

422.8526,
428.6006, 423.0391

 45.5606, 44.2971,
38.9716


 107.2978,
106.4079, 98.9534

 32.1024, 30.9041,
26.4299


136.2155,
135.7035, 127.7947

 21.5957, 20.5259,
16.9169


169.9114,
169.9358, 161.7574

 13.6750, 12.7779,
10.0139

208.7510,
209.4891, 201.2599

 7.9752, 7.2758,
5.3025

253.0996,
254.7478, 246.7208

 4.1307, 3.6352,
2.3640

303.3225,

 1.7764, 1.4716,

306.0964, 298.5586

0.7667

359.7850,
363.9192, 357.1919

■ 0.5034, 0.2686,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.3357, 61.0891,
54.9603

■ 62.3357, 61.0891,
54.9603

■ 56.3674, 52.7839,
41.7746

■ 69.1515, 70.4473,
70.4055

■ 51.2076, 45.4864,
30.7379

■ 76.8418, 80.8855,
88.2058

■ 46.8214, 39.1597,
21.7365

■ 85.3416, 92.4012,
107.9450

■ 43.1697, 33.7619,
14.6441

■ 87.0889, 95.8959,
108.5274

■ 40.2092, 29.2477,
9.3207

■ 37.8921, 25.5677,
5.6063

■ 36.1630, 22.6670,
3.3117

■ 34.9413, 20.4772,
2.1224

■ 34.9234, 20.4449,
2.1056

Harmonies

Analogous

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



64.0156, 61.0891, 61.9479



62.3357, 61.0891, 54.9603



59.5415, 61.0891, 51.2384

Triad

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



62.3357, 61.0891, 54.9603



52.4501, 61.0891, 62.4055



59.7116, 61.0891, 84.4123

Complementary

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



62.3357, 61.0891, 54.9603



60.4079, 67.4501, 86.1797

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.



56.6099, 61.0891, 84.5627



62.3357, 61.0891, 54.9603



52.4920, 61.0891, 71.3025

Square

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



62.3357, 61.0891, 54.9603



53.8744, 61.0891, 55.2694



53.9908, 61.0891, 79.5867



62.4641, 61.0891, 79.1925

Rectangle

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



62.3357, 61.0891, 54.9603



57.4576, 61.0891, 50.8752



53.9908, 61.0891, 79.5867



58.6734, 61.0891, 85.0721

Sweetspot

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



62.3374, 61.0919, 54.9616



89.1819, 92.0501, 95.2717



63.8228, 57.4682, 75.7871



18.9571, 19.5237, 20.0885



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.



62.3374, 61.0919, 54.9616



73.9452, 71.1262, 60.7527



67.8668, 72.1508, 56.8047



14.6813, 14.9764, 15.0214



19.4749, 11.5240, 1.1979



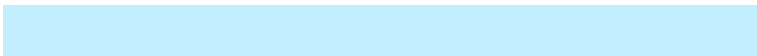
1.5131, 0.9996, 0.1132

Inverse Universe

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



60.4079, 67.4501, 86.1797



71.1218, 80.4129, 106.3805



54.8959, 56.4261, 84.3424



14.4725, 15.6664, 18.4055



16.3263, 19.7148, 45.3280



1.2808, 1.6056, 3.3744

Previews

White Background



This preview shows how the XYZ color 62.3357, 61.0891, 54.9603 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 62.3357, 61.0891, 54.9603 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

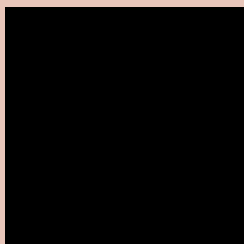
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.3357, 61.0891, 54.9603

Background



This preview shows how black text looks on a background with the XYZ color 62.3357, 61.0891, 54.9603.

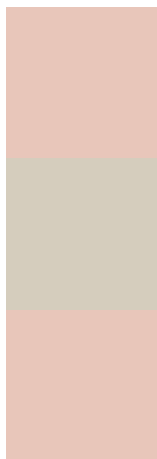


This preview shows how white text looks on a background with the XYZ color 62.3357, 61.0891,

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

62.3357, 61.0891, 54.9603

Protanopia

58.4572, 61.4829, 56.9305

Deuteranopia

62.3357, 61.0891, 54.9603



Tritanopia

65.1856, 60.8989, 69.2918

Trichromacy



Original Color

62.3357, 61.0891, 54.9603

Protanomaly

59.7128, 61.0875, 56.2208

Deuteranomaly

62.3357, 61.0891, 54.9603

Tritanomaly

63.9894, 60.7397, 63.6097

Monochromacy



Original Color

62.3357, 61.0891, 54.9603

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

60.2206, 61.9082, 62.8083

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.3357, 61.0891, 54.9603 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, 198, 186)` looks like.

```
.text, #text, p{  
  color:rgb(232, 198, 186)  
}
```

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, 198, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 198, 186) }
```

Border

The CSS property to change the border of an element to XYZ 62.3357, 61.0891, 54.9603 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, 198, 186) }
```


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

```
.border{ border-color:rgb(232, 198, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 198, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 198, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 198, 186);  
box-shadow:4px 4px 4px 4px rgb(232, 198,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 62.3357, 61.0891, 54.9603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 198, 186) }
```

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

```
.background{ background-color: rgb(232,  
198, 186) }
```

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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