

Converting Colors

XYZ(60.5958, 54.2284, 63.1632)

Have a look what the booklet for
XYZ(60.5958, 54.2284, 63.1632)
contains.

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Color

**XYZ(60.5862, 54.2304,
63.1514)**

Conversions

Conversions Part 1

Format	Color
Hex	E9B4CA
RGB	233, 180, 202
RGB Percent	91%, 71%, 79%
CMY	0.0863, 0.2941, 0.2078
CMYK	0.00, 0.23, 0.13, 0.09
HSL	335°, 55%, 81%
HSV	335°, 23%, 91%
XYZ	60.5862, 54.2304, 63.1514
YIQ	198.3550, 24.5260, 18.0780

Conversions

Conversions Part 2

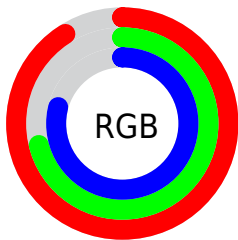
Format	Color
R _Y B	233, 180, 202
Decimal	15316170
CIE Lab	78.60, 22.57, -3.69
CIE LCh	79, 22.870, 350.705
Yxy	54.2304, 0.3404, 0.3047
Android (android.graphics.Color)	4293506250 (0xFFE9B4CA)
YUV	198.3550, 1.7970, 30.3837
Hunter-Lab	73.6413, 17.9833, 0.7045

Details

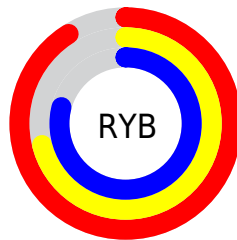
The XYZ color **60.5862, 54.2304, 63.1514** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **59.7214, 72.6857, 72.5135**, and the grayscale version is **53.8727, 56.6783, 61.7226**.

A 20% lighter version of the original color is **89.2855, 88.4709, 106.9785**, and **31.0661, 26.6640, 31.5263** is the 20% darker color. If you saturate the color by 10%, you get **54.7290, 44.9851, 53.5858**, and if you desaturate by 10%, it is **67.3797, 65.1189, 73.7336**.

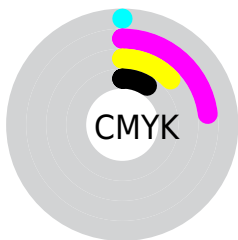
Distribution



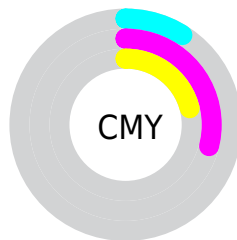
- Red (91%)
- Green (71%)
- Blue (79%)



- Red (91%)
- Yellow (71%)
- Blue (79%)



- Cyan (0%)
- Magenta (23%)
- Yellow (13%)
- Black (9%)



- Cyan (9%)
- Magenta (29%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.5862, 54.2304, 63.1514 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 60.5862, 54.2304, 63.1514 by changing the saturation by 10% instead.

60.5862, 54.2304,
63.1514

60.5862, 54.2304,
63.1514

416.5553,
402.9880, 454.2418

44.1426, 38.7859,
45.5219

104.7811, 96.4125,
110.9756

30.9810, 26.5932,
31.5228

133.2630,
123.9188, 142.0074

20.7361, 17.2679,
20.7355

166.4885,
156.2145, 178.3437

13.0426, 10.4257,
12.7414

204.8227,
193.6841, 220.4030

7.5351, 5.6821,
7.1221

248.6312,
236.7118, 268.6040

3.8482, 2.6528,
3.4590

298.2792,

1.6166, 0.9533,

285.6821, 323.3651

1.3335

354.1321,
340.9793, 385.1048

■ 0.4032, 0.0000,
0.0890

■ 0.0000, 0.0000,
0.0000

■ 60.5862, 54.2304,
63.1514

■ 60.5862, 54.2304,
63.1514

■ 54.7290, 44.9851,
53.5858

■ 67.3797, 65.1189,
73.7336

■ 49.7603, 37.2951,
45.0009

■ 75.1451, 77.7182,
85.3598

■ 45.6349, 31.0756,
37.3635

■ 83.9219, 92.1008,
98.0606

■ 42.3015, 26.2305,
30.6366

■ 87.4146, 96.0638,
108.5427

■ 39.7031, 22.6522,
24.7807

■ 37.7741, 20.2168,
19.7522

■ 36.4361, 18.7748,
15.5021

■ 35.7486, 18.1814,
12.8629

Harmonies

Analogous

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



58.5521, 54.2304, 76.2173



60.5862, 54.2304, 63.1514



60.0905, 54.2304, 50.6939

Triad

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



60.5862, 54.2304, 63.1514



48.5384, 54.2304, 38.7269



46.2443, 54.2304, 80.4322

Complementary

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



60.5862, 54.2304, 63.1514



59.7214, 72.6857, 72.5135

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.



43.8495, 54.2304, 68.2722



60.5862, 54.2304, 63.1514



45.1194, 54.2304, 44.6721

Square

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



60.5862, 54.2304, 63.1514



52.9580, 54.2304, 37.7702



43.4501, 54.2304, 55.1257



50.1561, 54.2304, 87.1096

Rectangle

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



60.5862, 54.2304, 63.1514



58.4029, 54.2304, 44.2847



43.4501, 54.2304, 55.1257



45.2450, 54.2304, 76.7735

Sweetspot

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



60.5877, 54.2328, 63.1525



87.9817, 88.4809, 98.4747



57.8714, 52.3650, 84.1488



18.7074, 18.7367, 20.8917



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.



60.5877, 54.2328, 63.1525



71.0611, 61.3333, 72.1988



59.0716, 55.0758, 50.7002



15.3247, 15.1577, 16.9954



20.3427, 10.3398, 7.6062



1.6443, 0.8307, 0.8442

Inverse Universe

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



60.5877, 54.2328, 63.1525



71.0611, 61.3333, 72.1988



61.4363, 71.3962, 87.6343



15.3247, 15.1577, 16.9954



20.3427, 10.3398, 7.6062



1.6443, 0.8307, 0.8442

Previews

White Background



This preview shows how the XYZ color 60.5862, 54.2304, 63.1514 looks on a white background.

Color Contrast Check

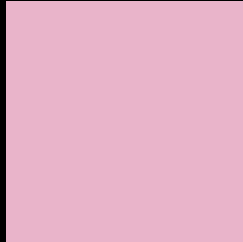
Large Text (above 18pt) WCAG AA × Fail

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 60.5862, 54.2304, 63.1514 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

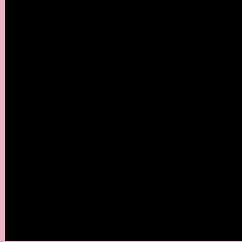
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.5862, 54.2304, 63.1514

Background



This preview shows how black text looks on a background with the XYZ color 60.5862, 54.2304, 63.1514.



This preview shows how white text looks on a background with the XYZ color 60.5862, 54.2304,

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

60.5862, 54.2304, 63.1514

Protanopia

53.1728, 54.7061, 68.7296

Deuteranopia

55.4869, 54.4142, 62.2221



Tritanopia

59.6529, 54.1437, 58.9365

Trichromacy



Original Color

60.5862, 54.2304, 63.1514

Protanomaly

55.4725, 54.3101, 66.5907

Deuteranomaly

57.3149, 54.3949, 62.7368

Tritanomaly

59.9956, 54.2808, 60.7412

Monochromacy



Original Color

60.5862, 54.2304, 63.1514

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

55.8036, 55.2340, 61.7529

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.5862, 54.2304, 63.1514 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, 180, 202)` looks like.

```
.text, #text, p{  
    color:rgb(233, 180, 202)  
}
```

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, 180, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 180, 202) }
```

Border

The CSS property to change the border of an element to XYZ 60.5862, 54.2304, 63.1514 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, 180, 202) }
```


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

```
.border{ border-color:rgb(233, 180, 202) }
```

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

Here you see how a box with a 4 pixel rgb(233, 180, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 180, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 180, 202);  
box-shadow:4px 4px 4px 4px rgb(233, 180,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 60.5862, 54.2304, 63.1514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 180, 202) }
```

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

```
.background{ background-color: rgb(233,  
180, 202) }
```

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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