

Converting Colors

XYZ(59.1979, 52.5858, 62.0420)

Have a look what the booklet for
XYZ(59.1979, 52.5858, 62.0420)
contains.

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Color

**XYZ(59.2198, 52.6503,
62.2996)**

Conversions

Conversions Part 1

Format	Color
Hex	E7B1C9
RGB	231, 177, 201
RGB Percent	91%, 69%, 79%
CMY	0.0941, 0.3059, 0.2118
CMYK	0.00, 0.23, 0.13, 0.09
HSL	333°, 53%, 80%
HSV	333°, 23%, 91%
XYZ	59.2198, 52.6503, 62.2996
YIQ	195.8820, 24.4800, 18.9120

Conversions

Conversions Part 2

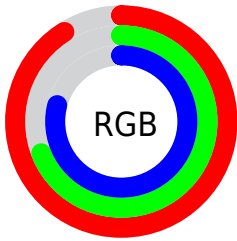
Format	Color
R_{YB}	231, 177, 201
Decimal	15184329
CIE _{Lab}	77.67, 23.31, -4.54
CIE _{LCh}	78, 23.747, 348.977
Yxy	52.6503, 0.3400, 0.3023
Android (android.graphics.Color)	4293374409 (0xFFE7B1C9)
YUV	195.8820, 2.5232, 30.7985
Hunter-Lab	72.5605, 18.7007, -0.1133

Details

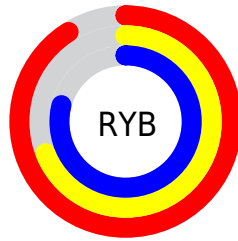
The XYZ color **59.2198, 52.6503, 62.2996** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **57.9721, 71.0054, 69.6850**, and the grayscale version is **52.3750, 55.1026, 60.0067**.

A 20% lighter version of the original color is **88.4289, 86.7578, 106.6930**, and **30.1533, 25.6358, 30.9627** is the 20% darker color. If you saturate the color by 10%, you get **53.5904, 43.7071, 53.2830**, and if you desaturate by 10%, it is **65.7507, 63.1933, 72.2403**.

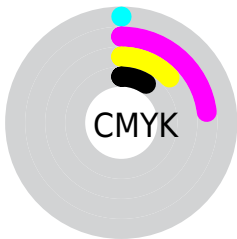
Distribution



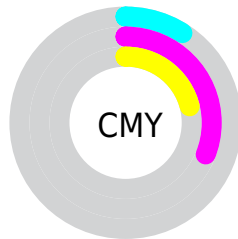
- Red (91%)
- Green (69%)
- Blue (79%)



- Red (91%)
- Yellow (69%)
- Blue (79%)



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



- Cyan (9%)
- Magenta (31%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.2198, 52.6503, 62.2996 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 59.2198, 52.6503, 62.2996 by changing the saturation by 10% instead.

59.2198, 52.6503,
62.2996

59.2198, 52.6503,
62.2996

411.5969,
396.9420, 451.0609

43.0371, 37.5237,
44.8375

102.8099, 94.0896,
109.7342

30.1089, 25.6132,
30.9874

130.9480,
121.1710, 140.5438

20.0697, 16.5345,
20.3309

163.8019,
153.0062, 176.6396

12.5543, 9.9032,
12.4493

201.7371,
189.9796, 218.4401

7.1972, 5.3348,
6.9242

245.1188,
232.4754, 266.3640

3.6332, 2.4450,
3.3370

294.3125,

1.4968, 0.8489,

280.8782, 320.8297

1.2692

349.6834,
335.5722, 382.2558

■ 0.3236, 0.0000,
0.0363

■ 0.0000, 0.0000,
0.0000

■ 59.2198, 52.6503,
62.2996

■ 59.2198, 52.6503,
62.2996

■ 53.5904, 43.7071,
53.2830

■ 65.7507, 63.1933,
72.2403

■ 48.8160, 36.2777,
45.1581

■ 73.2176, 75.4023,
83.1296

■ 44.8528, 30.2785,
37.8952

■ 81.6588, 89.3487,
94.9948

■ 41.6508, 25.6153,
31.4612

■ 86.3398, 95.5589,
106.2714

■ 39.1542, 22.1820,
25.8205

■ 86.7653, 95.7291,
108.5123

■ 37.2992, 19.8565,
20.9337

■ 36.0085, 18.4906,
16.7564

■ 35.3863, 17.9615,
14.3436

Harmonies

Analogous

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



57.0044, 52.6503, 75.5793



59.2198, 52.6503, 62.2996



58.8658, 52.6503, 49.4904

Triad

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



59.2198, 52.6503, 62.2996



47.2256, 52.6503, 36.5840



44.4677, 52.6503, 78.6013

Complementary

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



59.2198, 52.6503, 62.2996



57.9721, 71.0054, 69.6850

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.



42.1482, 52.6503, 65.9506



59.2198, 52.6503, 62.2996



43.6719, 52.6503, 42.2791

Square

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



59.2198, 52.6503, 62.2996



51.7499, 52.6503, 35.9151



41.8660, 52.6503, 52.6267



48.3731, 52.6503, 85.9046

Rectangle

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



59.2198, 52.6503, 62.2996



57.2257, 52.6503, 42.8461



41.8660, 52.6503, 52.6267



43.4871, 52.6503, 74.7509

Sweetspot

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



59.2213, 52.6527, 62.3007



88.0617, 88.5129, 98.8956



55.7964, 50.4387, 82.3969



18.7259, 18.7441, 20.9891



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.



59.2213, 52.6527, 62.3007



70.6057, 60.2983, 72.4300



57.1535, 52.6873, 48.7552



14.6418, 14.4739, 16.3141



19.8982, 10.0935, 8.3588



1.5166, 0.7643, 0.8607

Inverse Universe

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



59.2213, 52.6527, 62.3007



70.6057, 60.2983, 72.4300



60.3830, 70.7700, 86.0795



14.6418, 14.4739, 16.3141



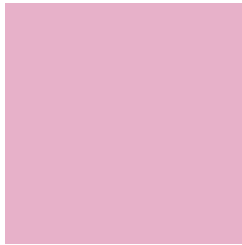
19.8982, 10.0935, 8.3588



1.5166, 0.7643, 0.8607

Previews

White Background



This preview shows how the XYZ color 59.2198, 52.6503, 62.2996 looks on a white background.

Color Contrast Check

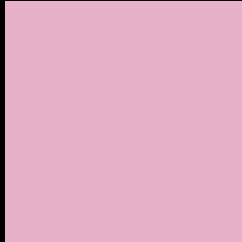
Large Text (above 18pt) WCAG AA × Fail

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 59.2198, 52.6503, 62.2996 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 59.2198, 52.6503, 62.2996

Background



This preview shows how black text looks on a background with the XYZ color 59.2198, 52.6503, 62.2996.



This preview shows how white text looks on a background with the XYZ color 59.2198, 52.6503,

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

59.2198, 52.6503, 62.2996

Protanopia

51.7495, 52.9911, 68.4736

Deuteranopia

53.8801, 52.6512, 61.3557



Tritanopia

58.0679, 52.4696, 56.9363

Trichromacy



Original Color

59.2198, 52.6503, 62.2996

Protanomaly

54.2750, 52.7446, 66.3516

Deuteranomaly

55.6777, 52.6360, 61.8688

Tritanomaly

58.4038, 52.6039, 58.7051

Monochromacy



Original Color

59.2198, 52.6503, 62.2996

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

54.6851, 54.0277, 60.9723

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.2198, 52.6503, 62.2996 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, 177, 201)` looks like.

```
.text, #text, p{  
    color:rgb(231, 177, 201)  
}
```

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, 177, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 177, 201) }
```

Border

The CSS property to change the border of an element to XYZ 59.2198, 52.6503, 62.2996 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, 177, 201) }
```


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

```
.border{ border-color:rgb(231, 177, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 177, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 177, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 177, 201);  
box-shadow:4px 4px 4px 4px rgb(231, 177,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 59.2198, 52.6503, 62.2996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 177, 201) }
```

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

```
.background{ background-color: rgb(231,  
177, 201) }
```

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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