

Converting Colors

XYZ(59.4275, 52.7469, 72.5391)

Have a look what the booklet for
XYZ(59.4275, 52.7469, 72.5391)
contains.

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Color

**XYZ(59.4961, 52.8581,
72.7125)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | E1B2D9 |
| RGB | 225, 178, 217 |
| RGB Percent | 88%, 70%, 85% |
| CMY | 0.1176, 0.3019, 0.1490 |
| CMYK | 0.00, 0.21, 0.04, 0.12 |
| HSL | 310°, 44%, 79% |
| HSV | 310°, 21%, 88% |
| XYZ | 59.4961, 52.8581, 72.7125 |
| YIQ | 196.4990, 15.4930, 22.0930 |

Conversions

Conversions Part 2

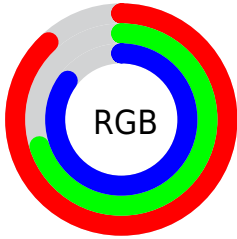
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 225, 178, 217 |
| Decimal | 14791385 |
| CIE Lab | 77.79, 23.44, -13.11 |
| CIE LCh | 78, 26.857, 330.790 |
| Yxy | 52.8581, 0.3215, 0.2856 |
| Android (android.graphics.Color) | 4292981465 (0xFFE1B2D9) |
| YUV | 196.4990, 10.1070, 24.9954 |
| Hunter-Lab | 72.7036, 18.8421, -8.4048 |

Details

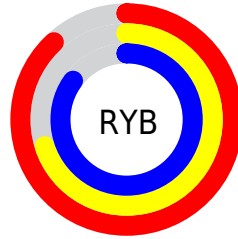
The XYZ color **59.4961, 52.8581, 72.7125** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **54.1503, 66.8621, 56.5090**, and the grayscale version is **52.7050, 55.4497, 60.3848**.

A 20% lighter version of the original color is **88.7128, 87.3256, 106.7876**, and **30.2174, 25.7109, 37.5525** is the 20% darker color. If you saturate the color by 10%, you get **54.8893, 44.4317, 68.7478**, and if you desaturate by 10%, it is **64.8519, 62.7622, 76.9851**.

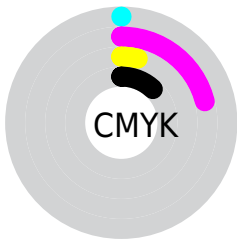
Distribution



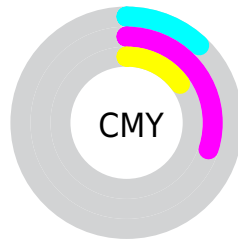
- Red (88%)
- Green (70%)
- Blue (85%)



- Red (88%)
- Yellow (70%)
- Blue (85%)



- Cyan (0%)
- Magenta (21%)
- Yellow (4%)
- Black (12%)



- Cyan (12%)
- Magenta (30%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.4961, 52.8581, 72.7125 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 59.4961, 52.8581, 72.7125 by changing the saturation by 10% instead.

■ 59.4961, 52.8581,
72.7125

■ 59.4961, 52.8581,
72.7125

412.6025,
397.7405, 489.0618

■ 43.2605, 37.6895,
53.2505

■ 103.2089, 94.3955,
124.7861

■ 30.2850, 25.7418,
37.6137

131.4167,
121.5332, 158.2348

■ 20.2041, 16.6306,
25.3835

164.3461,
153.4292, 197.1829

■ 12.6526, 9.9715,
16.1414

202.3623,
190.4682, 242.0488

■ 7.2651, 5.3800,
9.4688

245.8307,
233.0344, 293.2511

■ 3.6763, 2.4719,
4.9473

295.1166,

■ 1.5207, 0.8625,

281.5122, 351.2083

2.1581

350.5854,
336.2861, 416.3391

■ 0.3398, 0.0000,
0.6501

■ 0.0000, 0.0000,
0.0000

■ 59.4961, 52.8581,
72.7125

■ 59.4961, 52.8581,
72.7125

■ 54.8893, 44.4317,
68.7478

■ 64.8519, 62.7622,
76.9851

■ 50.9908, 37.4045,
65.0753

■ 70.9853, 74.2038,
81.5737

■ 47.7635, 31.7013,
61.6829

■ 77.9293, 87.2477,
86.4903

■ 45.1647, 27.2371,
58.5558

■ 81.4230, 93.3722,
90.3150

43.1469, 23.9168,
55.6779

81.9741, 93.5927,
93.2174

41.6556, 21.6318,
53.0306

82.5372, 93.8180,
96.1827

40.6259, 20.2521,
50.5919

83.1124, 94.0480,
99.2112

39.9892, 19.5827,
48.5174

83.6996, 94.2829,
102.3034

84.2989, 94.5226,
105.4596

Harmonies

Analogous

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



55.5418, 52.8581, 85.8692



59.4961, 52.8581, 72.7125



60.9316, 52.8581, 57.1590

Triad

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



59.4961, 52.8581, 72.7125



50.1021, 52.8581, 33.3785



42.1201, 52.8581, 73.5157

Complementary

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



59.4961, 52.8581, 72.7125



54.1503, 66.8621, 56.5090

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.



40.8786, 52.8581, 57.9498



59.4961, 52.8581, 72.7125



45.2869, 52.8581, 36.2670

Square

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



59.4961, 52.8581, 72.7125



55.2865, 52.8581, 35.9772



41.9975, 52.8581, 44.6629



45.5104, 52.8581, 86.3864

Rectangle

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



59.4961, 52.8581, 72.7125



60.1943, 52.8581, 47.9634



41.9975, 52.8581, 44.6629



41.4486, 52.8581, 68.3436

Sweetspot

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



59.4977, 52.8604, 72.7136



89.9453, 90.4571, 105.1437



49.7225, 47.6980, 77.8210



19.1381, 19.1491, 22.4196



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.



59.4977, 52.8604, 72.7136



76.2770, 65.1714, 94.2648



56.6738, 51.7309, 57.8432



14.1896, 13.8935, 16.7686



23.0814, 11.2995, 28.1579



1.6267, 0.7940, 2.0931

Inverse Universe

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



59.4977, 52.8604, 72.7136



76.2770, 65.1714, 94.2648



56.8371, 67.9368, 70.6573



14.1896, 13.8935, 16.7686



23.0814, 11.2995, 28.1579



1.6267, 0.7940, 2.0931

Previews

White Background



This preview shows how the XYZ color 59.4961, 52.8581, 72.7125 looks on a white background.

Color Contrast Check

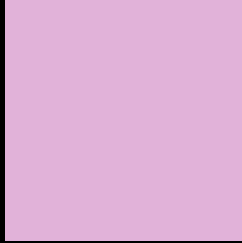
Large Text (above 18pt) WCAG AA × Fail

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 59.4961, 52.8581, 72.7125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

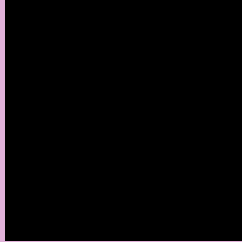
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.4961, 52.8581, 72.7125

Background



This preview shows how black text looks on a background with the XYZ color 59.4961, 52.8581, 72.7125.



This preview shows how white text looks on a background with the XYZ color 59.4961, 52.8581,

72.7125.

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

59.4961, 52.8581, 72.7125

Protanopia

52.4711, 53.1369, 78.7251

Deuteranopia

54.1235, 52.8645, 71.6412



Tritanopia

56.8160, 52.9710, 59.4545

Trichromacy



Original Color

59.4961, 52.8581, 72.7125

Protanomaly

54.5631, 52.6711, 76.3980

Deuteranomaly

56.1135, 52.9405, 72.2268

Tritanomaly

57.8544, 53.0954, 64.3259

Monochromacy



Original Color

59.4961, 52.8581, 72.7125

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

55.0447, 54.4519, 64.7359

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.4961, 52.8581, 72.7125 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(225, 178, 217)` looks like.

```
.text, #text, p{  
    color:rgb(225, 178, 217)  
}
```

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(225, 178, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 178, 217) }
```

Border

The CSS property to change the border of an element to XYZ 59.4961, 52.8581, 72.7125 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(225, 178, 217) }
```


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

```
.border{ border-color:rgb(225, 178, 217) }
```

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

Here you see how a box with a 4 pixel rgb(225, 178, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 178, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 178, 217);  
box-shadow:4px 4px 4px 4px rgb(225, 178,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 59.4961, 52.8581, 72.7125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 178, 217) }
```

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

```
.background{ background-color: rgb(225,  
178, 217) }
```

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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