

Converting Colors

XYZ(59.2350, 52.2451, 79.7187)

Have a look what the booklet for
XYZ(59.2350, 52.2451, 79.7187)
contains.

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Color

**XYZ(59.1025, 52.2060,
79.6348)**

Conversions

Conversions Part 1

Format	Color
Hex	DCB1E3
RGB	220, 177, 227
RGB Percent	86%, 69%, 89%
CMY	0.1372, 0.3059, 0.1098
CMYK	0.03, 0.22, 0.00, 0.11
HSL	292°, 47%, 79%
HSV	292°, 22%, 89%
XYZ	59.1025, 52.2060, 79.6348
YIQ	195.5570, 9.5780, 24.6660

Conversions

Conversions Part 2

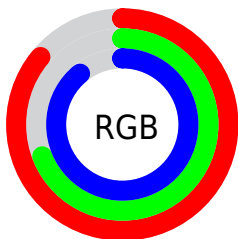
Format	Color
R_{YB}	220, 177, 227
Decimal	14463459
CIE _{Lab}	77.40, 24.17, -19.15
CIE _{LCh}	77, 30.836, 321.599
Yxy	52.2060, 0.3095, 0.2734
Android (android.graphics.Color)	4292653539 (0xFFDCB1E3)
YUV	195.5570, 15.5014, 21.4365
Hunter-Lab	72.2537, 19.5664, -14.7692

Details

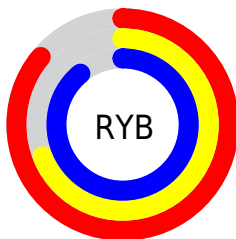
The XYZ color **59.1025, 52.2060, 79.6348** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **55.1739, 68.3042, 51.8736**, and the grayscale version is **52.1118, 54.8256, 59.7051**.

A 20% lighter version of the original color is **88.4289, 86.7578, 106.6930**, and **30.1711, 25.3932, 42.3409** is the 20% darker color. If you saturate the color by 10%, you get **54.0341, 43.4828, 78.2190**, and if you desaturate by 10%, it is **64.9381, 62.4347, 81.3023**.

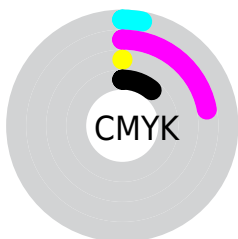
Distribution



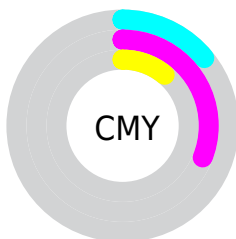
- Red (86%)
- Green (69%)
- Blue (89%)



- Red (86%)
- Yellow (69%)
- Blue (89%)



- Cyan (3%)
- Magenta (22%)
- Yellow (0%)
- Black (11%)



- Cyan (14%)
- Magenta (31%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.1025, 52.2060, 79.6348 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 59.1025, 52.2060, 79.6348 by changing the saturation by 10% instead.

■ 59.1025, 52.2060,
79.6348

■ 59.1025, 52.2060,
79.6348

411.1696,
395.2314, 513.3755

■ 42.9423, 37.1693,
58.8935

■ 102.6404, 93.4350,
134.6589

■ 30.0342, 25.3386,
42.1079

130.7488,
120.3960, 169.7788

■ 20.0127, 16.3295,
28.8596

163.5707,
152.1007, 210.5286

■ 12.5126, 9.7576,
18.7300

201.4714,
188.9333, 257.3269

■ 7.1685, 5.2385,
11.3005

244.8163,
231.2783, 310.5922

■ 3.6150, 2.3879,
6.1526

293.9708,

■ 1.4867, 0.8197,

279.5200, 370.7430

2.8678

349.3001,
334.0429, 438.1979

■ 0.3168, 0.0000,
1.0275

■ 0.0000, 0.0000,
0.0000

■ 59.1025, 52.2060,
79.6348

■ 59.1025, 52.2060,
79.6348

■ 54.0341, 43.4828,
78.2190

■ 64.9381, 62.4347,
81.3023

■ 49.6913, 36.1845,
77.0391

■ 71.5706, 74.2308,
83.2297

■ 46.0355, 30.2334,
76.0832

■ 79.0339, 87.6609,
85.4286

■ 43.0226, 25.5416,
75.3363

■ 83.1362, 94.3416,
86.5019

40.6033, 22.0104,
74.7823

84.1814, 94.8804,
86.5508

38.7210, 19.5268,
74.4021

85.2454, 95.4290,
86.6006

37.3076, 17.9547,
74.1731

86.3283, 95.9872,
86.6513

36.4281, 17.1777,
74.0695

87.4302, 96.5552,
86.7028

88.5511, 97.1331,
86.7553

Harmonies

Analogous

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



53.9366, 52.2060, 92.9302



59.1025, 52.2060, 79.6348



61.7757, 52.2060, 61.7490

Triad

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



59.1025, 52.2060, 79.6348



51.3048, 52.2060, 30.2732



39.7562, 52.2060, 69.7304

Complementary

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



59.1025, 52.2060, 79.6348



55.1739, 68.3042, 51.8736

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.



39.1740, 52.2060, 52.2048



59.1025, 52.2060, 79.6348



45.5405, 52.2060, 31.5674

Square

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



59.1025, 52.2060, 79.6348



57.0448, 52.2060, 34.9016



41.2106, 52.2060, 38.8771



42.8695, 52.2060, 86.4653

Rectangle

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



59.1025, 52.2060, 79.6348



61.6480, 52.2060, 50.5278



41.2106, 52.2060, 38.8771



39.2685, 52.2060, 63.6646

Sweetspot

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



59.1041, 52.2083, 79.6359



88.7042, 88.6644, 107.0465



49.2433, 49.3847, 79.6107



18.8746, 18.7791, 22.8799



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.



59.1041, 52.2083, 79.6359



74.0903, 63.0281, 102.8684



58.9730, 52.4057, 67.6554



14.7863, 14.5076, 18.1653



21.3196, 10.0565, 43.2006



1.6302, 0.7714, 3.1949

Inverse Universe

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



56.0542, 51.2382, 52.2854



69.5641, 61.6026, 61.6392



55.3963, 68.2042, 61.5810



14.4588, 14.4007, 15.3502



18.6504, 9.5944, 1.7880



1.4044, 0.7195, 0.2699

Previews

White Background



This preview shows how the XYZ color 59.1025, 52.2060, 79.6348 looks on a white background.

Color Contrast Check

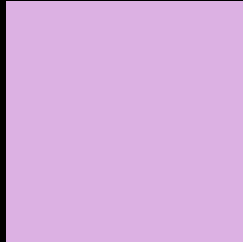
Large Text (above 18pt) WCAG AA × Fail

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 59.1025, 52.2060, 79.6348 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

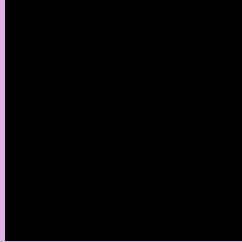
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.1025, 52.2060, 79.6348

Background



This preview shows how black text looks on a background with the XYZ color 59.1025, 52.2060, 79.6348.



This preview shows how white text looks on a background with the XYZ color 59.1025, 52.2060,

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

59.1025, 52.2060, 79.6348

Protanopia

52.6098, 52.7068, 86.7575

Deuteranopia

53.6091, 52.4462, 78.5318



Tritanopia

55.1249, 52.0860, 59.9715

Trichromacy



Original Color

59.1025, 52.2060, 79.6348

Protanomaly

54.5626, 52.1832, 84.2874

Deuteranomaly

55.2896, 52.0545, 79.0849

Tritanomaly

56.3217, 51.9483, 66.7331

Monochromacy



Original Color

59.1025, 52.2060, 79.6348

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

54.6369, 53.8793, 66.5516

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.1025, 52.2060, 79.6348 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(220, 177, 227)` looks like.

```
.text, #text, p{  
    color:rgb(220, 177, 227)  
}
```

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(220, 177, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 177, 227) }
```

Border

The CSS property to change the border of an element to XYZ 59.1025, 52.2060, 79.6348 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(220, 177, 227) }
```


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

```
.border{ border-color:rgb(220, 177, 227) }
```

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

Here you see how a box with a 4 pixel rgb(220, 177, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 177, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 177, 227);  
box-shadow:4px 4px 4px 4px rgb(220, 177,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 59.1025, 52.2060, 79.6348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 177, 227) }
```

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

```
.background{ background-color: rgb(220,  
177, 227) }
```

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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