

Converting Colors

XYZ(59.9471, 52.8515, 82.6136)

Have a look what the booklet for
XYZ(59.9471, 52.8515, 82.6136)
contains.

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Color

**XYZ(59.8594, 52.8260,
82.6428)**

Conversions

Conversions Part 1

Format	Color
Hex	DCB2E7
RGB	220, 178, 231
RGB Percent	86%, 70%, 91%
CMY	0.1372, 0.3019, 0.0941
CMYK	0.05, 0.23, 0.00, 0.09
HSL	288°, 52%, 80%
HSV	288°, 23%, 91%
XYZ	59.8594, 52.8260, 82.6428
YIQ	196.6000, 8.0190, 25.3870

Conversions

Conversions Part 2

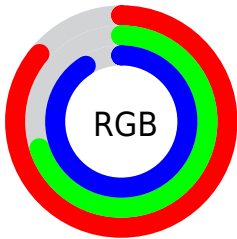
Format	Color
R_{YB}	220, 178, 231
Decimal	14463719
CIE _{Lab}	77.77, 24.39, -20.76
CIE _{LCh}	78, 32.031, 319.599
Yxy	52.8260, 0.3065, 0.2704
Android (android.graphics.Color)	4292653799 (0xFFDCB2E7)
YUV	196.6000, 16.9592, 20.5218
Hunter-Lab	72.6815, 19.8173, -16.5389

Details

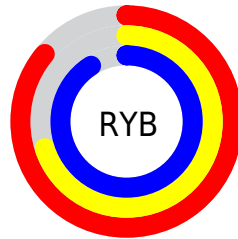
The XYZ color **59.8594, 52.8260, 82.6428** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **57.6000, 71.1864, 52.8266**, and the grayscale version is **52.7290, 55.4750, 60.4123**.

A 20% lighter version of the original color is **88.7128, 87.3256, 106.7876**, and **30.3813, 25.6549, 43.9081** is the 20% darker color. If you saturate the color by 10%, you get **54.2147, 43.6591, 81.1717**, and if you desaturate by 10%, it is **66.3229, 63.5667, 84.3761**.

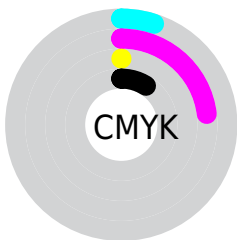
Distribution



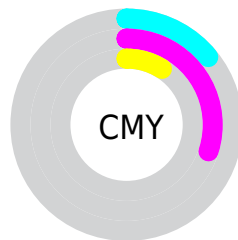
- Red (86%)
- Green (70%)
- Blue (91%)



- Red (86%)
- Yellow (70%)
- Blue (91%)



- Cyan (5%)
- Magenta (23%)
- Yellow (0%)
- Black (9%)





- Cyan (14%)
- Magenta (30%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.8594, 52.8260, 82.6428 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 59.8594, 52.8260, 82.6428 by changing the saturation by 10% instead.


 59.8594, 52.8260,
82.6428

 59.8594, 52.8260,
82.6428


413.9224,
397.6172, 523.7351

 43.5543, 37.6639,
61.3566

 103.7332, 94.3483,
138.9198

 30.5167, 25.7219,
44.0806

132.0326,
121.4772, 174.7477

 20.3811, 16.6157,
30.3962


165.0609,
153.3639, 216.2600

 12.7823, 9.9609,
19.8849

203.1834,
190.3927, 263.8751

 7.3547, 5.3730,
12.1282

246.7654,
232.9481, 318.0116

 3.7332, 2.4678,
6.7074

296.1724,

 1.5523, 0.8604,

281.4143, 379.0881

3.2042

351.7696,
336.1759, 447.5231

■ 0.3610, 0.0000,
1.1998

■ 0.0000, 0.0000,
0.0000

■ 59.8594, 52.8260,
82.6428

■ 59.8594, 52.8260,
82.6428

■ 54.2147, 43.6591,
81.1717

■ 66.3229, 63.5667,
84.3761

■ 49.3448, 35.9815,
79.9465

■ 73.6367, 75.9466,
86.3802

■ 45.2089, 29.7112,
78.9542

■ 81.8364, 90.0357,
88.6675

■ 41.7603, 24.7553,
78.1793

■ 85.8412, 95.6716,
89.5442

38.9467, 21.0096,
77.6046

87.4832, 96.5180,
89.6211

36.7078, 18.3542,
77.2101

89.1684, 97.3868,
89.6999

34.9706, 16.6436,
76.9715

90.8972, 98.2780,
89.7809

33.9658, 15.8438,
76.8700

91.4240, 98.5496,
89.8055

Harmonies

Analogous

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



54.3209, 52.8260, 96.1091



59.8594, 52.8260, 82.6428



62.8892, 52.8260, 63.9138

Triad

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



59.8594, 52.8260, 82.6428



52.3956, 52.8260, 30.0205



39.7829, 52.8260, 69.7647

Complementary

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



59.8594, 52.8260, 82.6428



57.6000, 71.1864, 52.8266

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.



39.3601, 52.8260, 51.5647



59.8594, 52.8260, 82.6428



46.3110, 52.8260, 30.9497

Square

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



59.8594, 52.8260, 82.6428



58.3504, 52.8260, 35.2150



41.6568, 52.8260, 38.0846



42.8634, 52.8260, 87.6776

Rectangle

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



59.8594, 52.8260, 82.6428



62.9229, 52.8260, 52.0042



41.6568, 52.8260, 38.0846



39.3355, 52.8260, 63.4095

Sweetspot

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



59.8610, 52.8283, 82.6439



88.2677, 88.4394, 107.0260



51.0878, 51.8404, 82.9157



18.7732, 18.7268, 22.8751



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.



59.8610, 52.8283, 82.6439



71.1041, 59.8919, 102.4204



61.2695, 53.7890, 72.1090



14.6868, 14.4563, 18.1606



19.1477, 8.9369, 43.0990



1.4888, 0.6985, 3.1883

Inverse Universe

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



58.0625, 52.5062, 55.2211



68.5390, 59.4716, 61.5467



56.5654, 70.4692, 61.0847



14.4987, 14.4167, 15.5608



18.8097, 9.6581, 2.6270



1.4233, 0.7270, 0.3695

Previews

White Background



This preview shows how the XYZ color 59.8594, 52.8260, 82.6428 looks on a white background.

Color Contrast Check

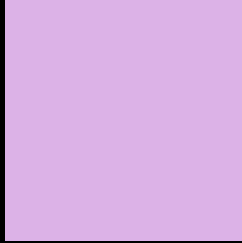
Large Text (above 18pt) WCAG AA × Fail

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 59.8594, 52.8260, 82.6428 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

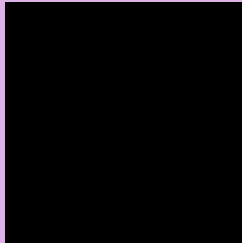
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.8594, 52.8260, 82.6428

Background



This preview shows how black text looks on a background with the XYZ color 59.8594, 52.8260, 82.6428.



This preview shows how white text looks on a background with the XYZ color 59.8594, 52.8260,

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

59.8594, 52.8260, 82.6428

Protanopia

53.1977, 52.9419, 89.8531

Deuteranopia

54.1184, 52.9610, 81.4989



Tritanopia

55.3579, 52.8053, 60.7008

Trichromacy



Original Color

59.8594, 52.8260, 82.6428

Protanomaly

55.3506, 52.8343, 87.4015

Deuteranomaly

56.0520, 52.6907, 82.0790

Tritanomaly

56.9761, 52.8608, 68.1729

Monochromacy



Original Color

59.8594, 52.8260, 82.6428

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

55.0989, 54.4095, 67.9197

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.8594, 52.8260, 82.6428 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, 178, 231)` looks like.

```
.text, #text, p{  
    color:rgb(220, 178, 231)  
}
```

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, 178, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 178, 231) }
```

Border

The CSS property to change the border of an element to XYZ 59.8594, 52.8260, 82.6428 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, 178, 231) }
```


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

```
.border{ border-color:rgb(220, 178, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 178, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 178, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 178, 231);  
box-shadow:4px 4px 4px 4px rgb(220, 178,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 59.8594, 52.8260, 82.6428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 178, 231) }
```

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

```
.background{ background-color: rgb(220,  
178, 231) }
```

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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