

Converting Colors

XYZ(60.0538, 53.7792, 86.1201)

Have a look what the booklet for
XYZ(60.0538, 53.7792, 86.1201)
contains.

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Color

**XYZ(59.8382, 53.6448,
85.7979)**

Conversions

Conversions Part 1

Format	Color
Hex	D8B5EB
RGB	216, 181, 235
RGB Percent	85%, 71%, 92%
CMY	0.1529, 0.2902, 0.0784
CMYK	0.08, 0.23, 0.00, 0.08
HSL	279°, 57%, 82%
HSV	279°, 23%, 92%
XYZ	59.8382, 53.6448, 85.7979
YIQ	197.6210, 3.5260, 24.2140

Conversions

Conversions Part 2

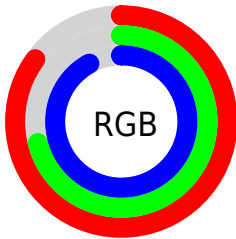
Format	Color
R _Y B	216, 181, 235
Decimal	14202347
CIE Lab	78.25, 22.26, -22.22
CIE LCh	78, 31.457, 315.054
Yxy	53.6448, 0.3003, 0.2692
Android (android.graphics.Color)	4292392427 (0xFFD8B5EB)
YUV	197.6210, 18.4278, 16.1184
Hunter-Lab	73.2426, 17.6575, -18.1837

Details

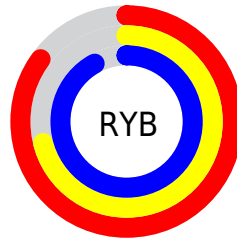
The XYZ color **59.8382, 53.6448, 85.7979** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **61.8699, 75.0335, 54.9405**, and the grayscale version is **53.3383, 56.1160, 61.1104**.

A 20% lighter version of the original color is **89.5742, 89.0484, 107.0747**, and **30.5538, 26.2701, 46.1081** is the 20% darker color. If you saturate the color by 10%, you get **53.0756, 43.6545, 84.2268**, and if you desaturate by 10%, it is **67.5330, 65.3148, 87.6457**.

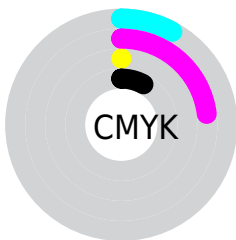
Distribution



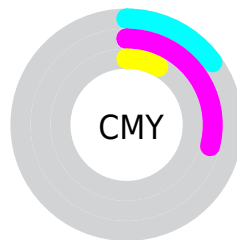
- Red (85%)
- Green (71%)
- Blue (92%)



- Red (85%)
- Yellow (71%)
- Blue (92%)



- Cyan (8%)
- Magenta (23%)
- Yellow (0%)
- Black (8%)





- Cyan (15%)
- Magenta (29%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.8382, 53.6448, 85.7979 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 59.8382, 53.6448, 85.7979 by changing the saturation by 10% instead.


 59.8382, 53.6448,
85.7979

 59.8382, 53.6448,
85.7979


413.8454,
400.7541, 534.4779

 43.5372, 38.3178,
63.9469

 103.7026, 95.5525,
143.3715

 30.5032, 26.2294,
46.1618

131.9967,
122.9020, 179.9312

 20.3708, 16.9953,
32.0239


165.0192,
155.0277, 222.2308

 12.7747, 10.2312,
21.1148

203.1355,
192.3141, 270.6890

 7.3495, 5.5525,
13.0159

246.7109,
235.1455, 325.7243

 3.7299, 2.5749,
7.3086

296.1108,

 1.5505, 0.9141,

283.9064, 387.7552

3.5745

351.7005,
338.9811, 457.2002

■ 0.3598, 0.0000,
1.3949

■ 0.0000, 0.0000,
0.1378

■ 59.8382, 53.6448,
85.7979

■ 59.8382, 53.6448,
85.7979

■ 53.0756, 43.6545,
84.2268

■ 67.5330, 65.3148,
87.6457

■ 47.1980, 35.2554,
82.9154

■ 76.1943, 78.7339,
89.7793

■ 42.1613, 28.3610,
81.8501

■ 85.8608, 93.9754,
92.2118

■ 37.9153, 22.8737,
81.0148

■ 89.8498, 97.6720,
92.7151

■ 34.4038, 18.6839,
80.3911

■ 91.9955, 98.7782,
92.8155

■ 31.5623, 15.6653,
79.9582

■ 29.3129, 13.6654,
79.6908

■ 28.0034, 12.7040,
79.5742

Harmonies

Analogous

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



54.1263, 53.6448, 97.6696



59.8382, 53.6448, 85.7979



63.3081, 53.6448, 67.6020

Triad

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



59.8382, 53.6448, 85.7979



54.1037, 53.6448, 31.3852



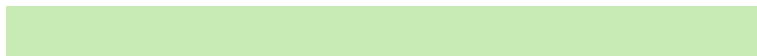
40.3845, 53.6448, 67.6704

Complementary

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



59.8382, 53.6448, 85.7979



61.8699, 75.0335, 54.9405

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.



40.3795, 53.6448, 50.0916



59.8382, 53.6448, 85.7979



47.9730, 53.6448, 31.3962

Square

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



59.8382, 53.6448, 85.7979



59.8205, 53.6448, 37.5417



43.0561, 53.6448, 37.5755



43.0703, 53.6448, 85.8567

Rectangle

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



59.8382, 53.6448, 85.7979



63.7187, 53.6448, 55.4725



43.0561, 53.6448, 37.5755



40.0767, 53.6448, 61.4496

Sweetspot

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



59.8399, 53.6471, 85.7991



87.3446, 87.9635, 106.9828



54.8935, 57.5042, 86.8043



18.5591, 18.6164, 22.8651



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.



59.8399, 53.6471, 85.7991



67.7014, 58.1378, 102.2612



64.7621, 56.3024, 80.7085



15.1707, 15.0333, 19.0244



15.7284, 7.1442, 44.2930



1.3386, 0.6144, 3.4829

Inverse Universe

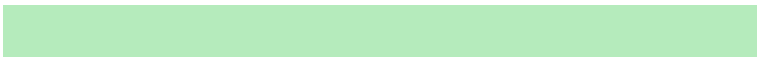
The Inverse Universe completely reimagines the original color for something new.



61.2118, 54.8822, 62.0128



69.7718, 59.9647, 68.0386



57.8649, 72.8812, 58.7101



15.2843, 15.1416, 16.7826



19.9848, 10.1966, 5.7212



1.6135, 0.8184, 0.6820

Previews

White Background



This preview shows how the XYZ color 59.8382, 53.6448, 85.7979 looks on a white background.

Color Contrast Check

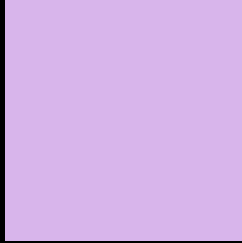
Large Text (above 18pt) WCAG AA × Fail

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 59.8382, 53.6448, 85.7979 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

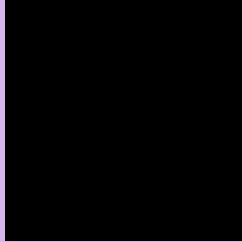
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.8382, 53.6448, 85.7979

Background



This preview shows how black text looks on a background with the XYZ color 59.8382, 53.6448, 85.7979.



This preview shows how white text looks on a background with the XYZ color 59.8382, 53.6448,

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

59.8382, 53.6448, 85.7979

Protanopia

53.9327, 53.9338, 91.5721

Deuteranopia

54.8979, 53.6158, 84.5463



Tritanopia

55.2950, 53.6538, 63.3190

Trichromacy



Original Color

59.8382, 53.6448, 85.7979

Protanomaly

55.8113, 53.6678, 89.0787

Deuteranomaly

56.4976, 53.4758, 85.1860

Tritanomaly

56.9271, 53.6991, 70.9829

Monochromacy



Original Color

59.8382, 53.6448, 85.7979

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

55.7843, 55.3816, 69.3776

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.8382, 53.6448, 85.7979 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(216, 181, 235)` looks like.

```
.text, #text, p{  
    color:rgb(216, 181, 235)  
}
```

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(216, 181, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 181, 235) }
```

Border

The CSS property to change the border of an element to XYZ 59.8382, 53.6448, 85.7979 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(216, 181, 235) }
```


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

```
.border{ border-color:rgb(216, 181, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 181, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 181, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 181, 235);  
box-shadow:4px 4px 4px 4px rgb(216, 181,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 59.8382, 53.6448, 85.7979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 181, 235) }
```

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

```
.background{ background-color: rgb(216,  
181, 235) }
```

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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