

Converting Colors

XYZ(58.3198, 52.0604, 85.2695)

Have a look what the booklet for
XYZ(58.3198, 52.0604, 85.2695)
contains.

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Color

**XYZ(58.3564, 51.9851,
85.5557)**

Conversions

Conversions Part 1

Format	Color
Hex	D5B2EB
RGB	213, 178, 235
RGB Percent	84%, 70%, 92%
CMY	0.1647, 0.3019, 0.0784
CMYK	0.09, 0.24, 0.00, 0.08
HSL	277°, 59%, 81%
HSV	277°, 24%, 92%
XYZ	58.3564, 51.9851, 85.5557
YIQ	194.9630, 2.5630, 25.1470

Conversions

Conversions Part 2

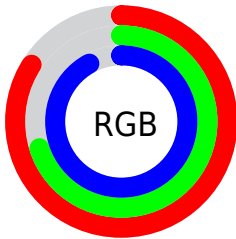
Format	Color
R _{YB}	213, 178, 235
Decimal	14004971
CIE _{Lab}	77.27, 22.93, -23.74
CIE _{LCh}	77, 33.007, 314.005
Yxy	51.9851, 0.2979, 0.2654
Android (android.graphics.Color)	4292195051 (0xFFD5B2EB)
YUV	194.9630, 19.7382, 15.8184
Hunter-Lab	72.1007, 18.2970, -19.8839

Details

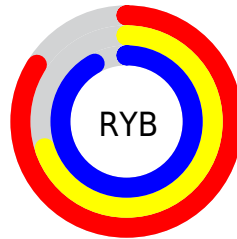
The XYZ color **58.3564, 51.9851, 85.5557** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **61.5654, 74.9117, 53.3365**, and the grayscale version is **51.7363, 54.4306, 59.2749**.

A 20% lighter version of the original color is **88.7128, 87.3256, 106.7876**, and **29.5708, 25.1910, 45.9516** is the 20% darker color. If you saturate the color by 10%, you get **51.5177, 42.1040, 84.0097**, and if you desaturate by 10%, it is **66.1465, 63.5483, 87.3778**.

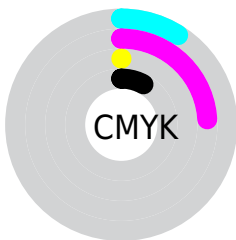
Distribution



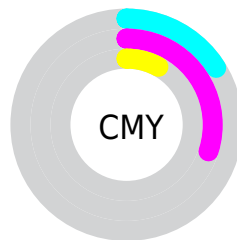
- Red (84%)
- Green (70%)
- Blue (92%)



- Red (84%)
- Yellow (70%)
- Blue (92%)



- Cyan (9%)
- Magenta (24%)
- Yellow (0%)
- Black (8%)





- Cyan (16%)
- Magenta (30%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.3564, 51.9851, 85.5557 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 58.3564, 51.9851, 85.5557 by changing the saturation by 10% instead.


 58.3564, 51.9851,
85.5557

 58.3564, 51.9851,
85.5557


408.4451,
394.3791, 533.6575

 42.3396, 36.9932,
63.7478

 101.5617, 93.1093,
143.0304

 29.5596, 25.2022,
46.0016


129.4809,
120.0103, 179.5343

 19.6509, 16.2278,
31.8984


162.0982,
151.6499, 221.7739

 12.2484, 9.6855,
21.0197

199.7791,
188.4123, 270.1679

 6.9865, 5.1909,
12.9470

242.8889,
230.6821, 325.1347

 3.4999, 2.3597,
7.2618

291.7929,

 1.4233, 0.8050,

278.8435, 387.0928

3.5454

346.8566,
333.2811, 456.4610

■ 0.2727, 0.0000,
1.3794

■ 0.0000, 0.0000,
0.1256

■ 58.3564, 51.9851,
85.5557

■ 58.3564, 51.9851,
85.5557

■ 51.5177, 42.1040,
84.0097

■ 66.1465, 63.5483,
87.3778

■ 45.5823, 33.8156,
82.7227

■ 74.9232, 76.8640,
89.4854

■ 40.5049, 27.0320,
81.6809

■ 84.7260, 92.0066,
91.8916

■ 36.2341, 21.6538,
80.8680

■ 89.9236, 97.7101,
92.7185

■ 32.7120, 17.5695,
80.2652

■ 91.9956, 98.7782,
92.8155

■ 29.8721, 14.6496,
79.8513

■ 27.6336, 12.7367,
79.6001

■ 26.5492, 11.9543,
79.5062

Harmonies

Analogous

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



52.4144, 51.9851, 97.6025



58.3564, 51.9851, 85.5557



62.0566, 51.9851, 66.7604

Triad

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



58.3564, 51.9851, 85.5557



52.8402, 51.9851, 29.2744



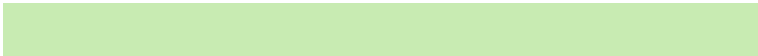
38.5178, 51.9851, 65.4638

Complementary

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



58.3564, 51.9851, 85.5557



61.5654, 74.9117, 53.3365

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.



38.6105, 51.9851, 47.5319



58.3564, 51.9851, 85.5557



46.5232, 51.9851, 29.0730

Square

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



58.3564, 51.9851, 85.5557



58.6909, 51.9851, 35.6779



41.4286, 51.9851, 35.0524



41.1635, 51.9851, 84.4334

Rectangle

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



58.3564, 51.9851, 85.5557



62.5719, 51.9851, 54.2033



41.4286, 51.9851, 35.0524



38.2372, 51.9851, 59.0724

Sweetspot

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



58.3580, 51.9873, 85.5568



87.1282, 87.8519, 106.9727



54.1975, 57.1453, 86.7717



18.5089, 18.5906, 22.8628



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.



58.3580, 51.9873, 85.5568



66.0917, 56.5309, 102.0359



64.3676, 55.1790, 81.6077



15.1192, 15.0067, 19.0220



14.9226, 6.7288, 44.2552



1.2787, 0.5835, 3.4801

Inverse Universe

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



60.6084, 53.6753, 61.8118



69.3562, 58.9609, 68.4321



56.6906, 72.3311, 56.1584



15.3061, 15.1503, 16.8973



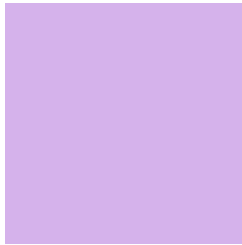
20.1695, 10.2705, 6.6939



1.6296, 0.8248, 0.7668

Previews

White Background



This preview shows how the XYZ color 58.3564, 51.9851, 85.5557 looks on a white background.

Color Contrast Check

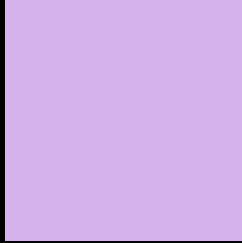
Large Text (above 18pt) WCAG AA × Fail

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 58.3564, 51.9851, 85.5557 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

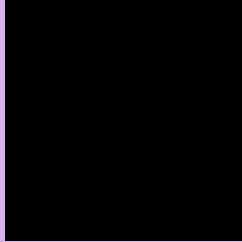
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.3564, 51.9851, 85.5557

Background



This preview shows how black text looks on a background with the XYZ color 58.3564, 51.9851, 85.5557.



This preview shows how white text looks on a background with the XYZ color 58.3564, 51.9851,

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

58.3564, 51.9851, 85.5557

Protanopia

52.5067, 52.2134, 92.1048

Deuteranopia

53.2173, 52.1152, 84.3452



Tritanopia

53.3899, 52.0868, 61.2726

Trichromacy



Original Color

58.3564, 51.9851, 85.5557

Protanomaly

54.3123, 51.9363, 89.6002

Deuteranomaly

55.0177, 52.0918, 84.9969

Tritanomaly

54.9061, 51.7647, 69.3851

Monochromacy



Original Color

58.3564, 51.9851, 85.5557

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

54.1876, 53.6049, 68.4636

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.3564, 51.9851, 85.5557 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(213, 178, 235)` looks like.

```
.text, #text, p{  
    color:rgb(213, 178, 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(213, 178, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 178, 235) }
```

Border

The CSS property to change the border of an element to XYZ 58.3564, 51.9851, 85.5557 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(213, 178, 235) }
```


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

```
.border{ border-color:rgb(213, 178, 235) }
```

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

Here you see how a box with a 4 pixel rgb(213, 178, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 178, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 178, 235);  
box-shadow:4px 4px 4px 4px rgb(213, 178,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 58.3564, 51.9851, 85.5557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 178, 235) }
```

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

```
.background{ background-color: rgb(213,  
178, 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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