

Converting Colors

XYZ(57.0643, 52.6167, 79.0006)

Have a look what the booklet for
XYZ(57.0643, 52.6167, 79.0006)
contains.

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Color

**XYZ(57.0338, 52.6485,
79.1077)**

Conversions

Conversions Part 1

Format	Color
Hex	D2B6E2
RGB	210, 182, 226
RGB Percent	82%, 71%, 89%
CMY	0.1765, 0.2863, 0.1137
CMYK	0.07, 0.19, 0.00, 0.11
HSL	278°, 43%, 80%
HSV	278°, 19%, 89%
XYZ	57.0338, 52.6485, 79.1077
YIQ	195.3880, 2.5640, 19.6200

Conversions

Conversions Part 2

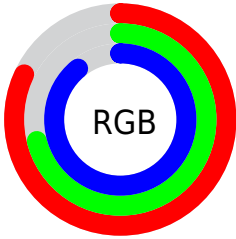
Format	Color
R _Y B	210, 182, 226
Decimal	13809378
CIE Lab	77.67, 17.99, -18.30
CIE LCh	78, 25.666, 314.512
Yxy	52.6485, 0.3021, 0.2789
Android (android.graphics.Color)	4291999458 (0xFFD2B6E2)
YUV	195.3880, 15.0917, 12.8147
Hunter-Lab	72.5593, 13.3277, -13.8494

Details

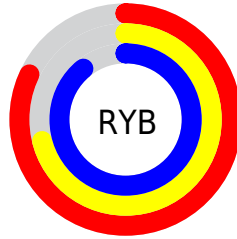
The XYZ color **57.0338, 52.6485, 79.1077** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **58.9303, 69.7772, 54.6208**, and the grayscale version is **52.0162, 54.7251, 59.5956**.

A 20% lighter version of the original color is **89.8645, 89.6291, 107.1715**, and **28.7185, 25.6094, 41.9575** is the 20% darker color. If you saturate the color by 10%, you get **50.4940, 42.9530, 77.5818**, and if you desaturate by 10%, it is **64.4439, 63.9042, 80.8905**.

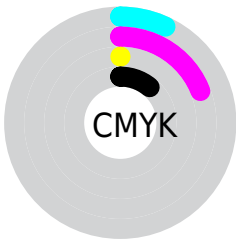
Distribution



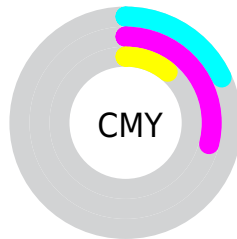
- Red (82%)
- Green (71%)
- Blue (89%)



- Red (82%)
- Yellow (71%)
- Blue (89%)



- Cyan (7%)
- Magenta (19%)
- Yellow (0%)
- Black (11%)



- Cyan (18%)
- Magenta (29%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.0338, 52.6485, 79.1077 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 57.0338, 52.6485, 79.1077 by changing the saturation by 10% instead.

■ 57.0338, 52.6485,
79.1077

■ 57.0338, 52.6485,
79.1077

403.5881,
396.9351, 511.5479

■ 41.2726, 37.5222,
58.4625

■ 99.6456, 94.0869,
133.9105

■ 28.7208, 25.6121,
41.7634

127.2269,
121.1679, 168.9052

■ 19.0129, 16.5337,
28.5919

159.4790,
153.0026, 209.5202

■ 11.7837, 9.9026,
18.5294

196.7671,
189.9753, 256.1740

■ 6.6677, 5.3344,
11.1574

239.4568,
232.4706, 309.2851

■ 3.2996, 2.4448,
6.0573

287.9133,

■ 1.3141, 0.8488,

280.8727, 369.2721

2.8106

342.5019,
335.5660, 436.5535

■ 0.1938, 0.0000,
0.9988

■ 0.0000, 0.0000,
0.0000

■ 57.0338, 52.6485,
79.1077

■ 57.0338, 52.6485,
79.1077

■ 50.4940, 42.9530,
77.5818

■ 64.4439, 63.9042,
80.8905

■ 44.7822, 34.7387,
76.2973

■ 72.7546, 76.7811,
82.9380

■ 39.8593, 27.9293,
75.2424

■ 82.0005, 91.3449,
85.2618

■ 35.6813, 22.4391,
74.4029

■ 86.4069, 96.0436,
85.9365

■ 32.1989, 18.1728,
73.7630

■ 89.3052, 97.5378,
86.0721

■ 29.3563, 15.0218,
73.3046

■ 90.7276, 98.2711,
86.1387

■ 27.0879, 12.8574,
73.0064

■ 25.2868, 11.4694,
72.8334

■ 25.1973, 11.4039,
72.8255

Harmonies

Analogous

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



52.4705, 52.6485, 88.0643



57.0338, 52.6485, 79.1077



59.8125, 52.6485, 64.9380

Triad

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



57.0338, 52.6485, 79.1077



52.6328, 52.6485, 34.8144



41.3589, 52.6485, 64.4503

Complementary

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



57.0338, 52.6485, 79.1077



58.9303, 69.7772, 54.6208

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.



41.3960, 52.6485, 50.3320



57.0338, 52.6485, 79.1077



47.6874, 52.6485, 34.7280

Square

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



57.0338, 52.6485, 79.1077



57.1594, 52.6485, 40.2200



43.6442, 52.6485, 39.9605



43.5393, 52.6485, 78.7001

Rectangle

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



57.0338, 52.6485, 79.1077



60.1702, 52.6485, 55.2021



43.6442, 52.6485, 39.9605



41.1173, 52.6485, 59.5022

Sweetspot

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



57.0354, 52.6507, 79.1089



88.3444, 89.5837, 107.2429



53.2454, 55.8873, 79.9333



18.7588, 18.9422, 22.9175



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.



57.0354, 52.6507, 79.1089



71.6931, 64.2949, 103.2393



61.0294, 54.8012, 75.1650



13.7865, 13.6735, 17.3003



14.5094, 6.5752, 41.5528



1.1028, 0.5058, 2.8848

Inverse Universe

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



58.2867, 53.7041, 60.7222



73.6717, 65.9430, 74.9542



55.5523, 67.9642, 57.6944



13.9122, 13.7825, 15.3078



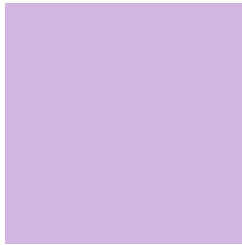
18.8181, 9.5943, 5.7080



1.3463, 0.6818, 0.6167

Previews

White Background



This preview shows how the XYZ color 57.0338, 52.6485, 79.1077 looks on a white background.

Color Contrast Check

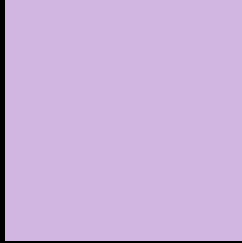
Large Text (above 18pt) WCAG AA × Fail

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 57.0338, 52.6485, 79.1077 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

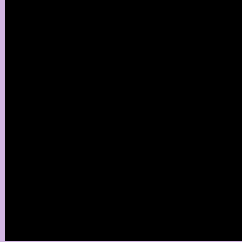
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.0338, 52.6485, 79.1077

Background



This preview shows how black text looks on a background with the XYZ color 57.0338, 52.6485, 79.1077.



This preview shows how white text looks on a background with the XYZ color 57.0338, 52.6485,

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

57.0338, 52.6485, 79.1077

Protanopia

52.5074, 52.7204, 83.7525

Deuteranopia

53.8666, 52.5790, 78.5438



Tritanopia

53.5551, 52.4567, 62.5608

Trichromacy



Original Color

57.0338, 52.6485, 79.1077

Protanomaly

54.0456, 52.5913, 82.1655

Deuteranomaly

54.7590, 52.4135, 78.4649

Tritanomaly

54.7139, 52.6165, 68.2450

Monochromacy



Original Color

57.0338, 52.6485, 79.1077

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

53.3735, 53.5625, 65.9180

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.0338, 52.6485, 79.1077 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(210, 182, 226)` looks like.

```
.text, #text, p{  
    color:rgb(210, 182, 226)  
}
```

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(210, 182, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 182, 226) }
```

Border

The CSS property to change the border of an element to XYZ 57.0338, 52.6485, 79.1077 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(210, 182, 226) }
```


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

```
.border{ border-color:rgb(210, 182, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 182, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(210, 182, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(210, 182, 226); box-shadow:4px 4px 4px 4px rgb(210, 182, 226) }
```

Background

The CSS property to change the background color of an element to XYZ 57.0338, 52.6485, 79.1077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 182, 226) }
```

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

```
.background{ background-color: rgb(210,  
182, 226) }
```

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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