

Converting Colors

XYZ(57.6856, 52.1689, 86.3776)

Have a look what the booklet for
XYZ(57.6856, 52.1689, 86.3776)
contains.

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Color

**XYZ(57.7561, 52.2540,
86.3988)**

Conversions

Conversions Part 1

Format	Color
Hex	D1B4EC
RGB	209, 180, 236
RGB Percent	82%, 71%, 93%
CMY	0.1804, 0.2941, 0.0745
CMYK	0.11, 0.24, 0.00, 0.07
HSL	271°, 60%, 82%
HSV	271°, 24%, 93%
XYZ	57.7561, 52.2540, 86.3988
YIQ	195.0550, -0.6920, 23.5640

Conversions

Conversions Part 2

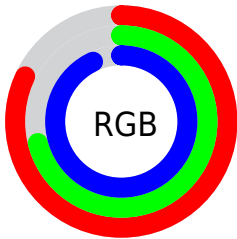
Format	Color
R _Y B	209, 180, 236
Decimal	13743340
CIE _{Lab}	77.43, 20.78, -24.07
CIE _{LCh}	77, 31.796, 310.801
Y _{xy}	52.2540, 0.2941, 0.2660
Android (android.graphics.Color)	4291933420 (0xFFD1B4EC)
Y _{UV}	195.0550, 20.1859, 12.2298
Hunter-Lab	72.2869, 16.1165, -20.2638

Details

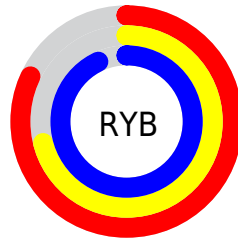
The XYZ color **57.7561, 52.2540, 86.3988** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **63.9676, 76.5529, 54.5872**, and the grayscale version is **51.7898, 54.4869, 59.3363**.

A 20% lighter version of the original color is **89.2855, 88.4709, 106.9785**, and **29.1540, 25.3441, 46.5353** is the 20% darker color. If you saturate the color by 10%, you get **50.2864, 41.9237, 84.7994**, and if you desaturate by 10%, it is **66.2702, 64.3294, 88.2817**.

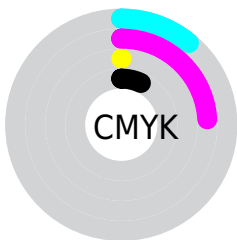
Distribution



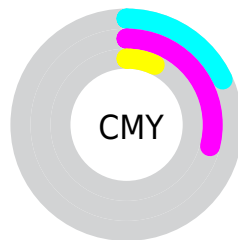
- Red (82%)
- Green (71%)
- Blue (93%)



- Red (82%)
- Yellow (71%)
- Blue (93%)



- Cyan (11%)
- Magenta (24%)
- Yellow (0%)
- Black (7%)





- Cyan (18%)
- Magenta (29%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.7561, 52.2540, 86.3988 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 57.7561, 52.2540, 86.3988 by changing the saturation by 10% instead.


 57.7561, 52.2540,
86.3988

 57.7561, 52.2540,
86.3988


406.2450,
395.4164, 536.5101

 41.8551, 37.2076,
64.4410


 100.6926, 93.5057,
144.2173

 29.1785, 25.3682,
46.5595


128.4588,
120.4798, 180.9152

 19.3608, 16.3516,
32.3357

160.9108,
152.1986, 223.3634

 12.0368, 9.7733,
21.3511

198.4140,
189.0464, 271.9807

 6.8412, 5.2489,
13.1872

241.3336,
231.4077, 327.1854

 3.4084, 2.3940,
7.4253

290.0351,

 1.3732, 0.8228,

279.6669, 389.3962

3.6470

344.8838,
334.2083, 459.0316

■ 0.2370, 0.0000,
1.4338

■ 0.0000, 0.0000,
0.1678

■ 57.7561, 52.2540,
86.3988

■ 57.7561, 52.2540,
86.3988

■ 50.2864, 41.9237,
84.7994

■ 66.2702, 64.3294,
88.2817

■ 43.8104, 33.2475,
83.4660

■ 75.8664, 78.2221,
90.4575

■ 38.2799, 26.1355,
82.3847

■ 86.5868, 94.0081,
92.9394

■ 33.6408, 20.4867,
81.5389

■ 91.9633, 98.7448,
93.5703

■ 29.8324, 16.1877,
80.9099

■ 92.1405, 98.8362,
93.5786

■ 26.7850, 13.1074,
80.4759

■ 24.4150, 11.0869,
80.2108

■ 23.1966, 10.2093,
80.1057

Harmonies

Analogous

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



51.9032, 52.2540, 96.8201



57.7561, 52.2540, 86.3988



61.6242, 52.2540, 68.7092

Triad

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



57.7561, 52.2540, 86.3988



53.6356, 52.2540, 30.6413



38.9836, 52.2540, 63.4459

Complementary

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



57.7561, 52.2540, 86.3988



63.9676, 76.5529, 54.5872

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.



39.3642, 52.2540, 46.5204



57.7561, 52.2540, 86.3988



47.4937, 52.2540, 29.8039

Square

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



57.7561, 52.2540, 86.3988



59.1135, 52.2540, 37.5984



42.3688, 52.2540, 35.0135



41.2826, 52.2540, 81.8717

Rectangle

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



57.7561, 52.2540, 86.3988



62.3814, 52.2540, 56.4258



42.3688, 52.2540, 35.0135



38.8075, 52.2540, 57.3682

Sweetspot

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



57.7578, 52.2562, 86.4000



86.5219, 87.5393, 106.9443



56.2936, 60.4194, 88.0528



18.3685, 18.5182, 22.8562



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.



57.7578, 52.2562, 86.4000



64.7968, 56.6404, 102.1253



65.9198, 56.4795, 86.0759



14.9753, 14.9325, 19.0152



12.9367, 5.7050, 44.1623



1.1269, 0.5052, 3.4730

Inverse Universe

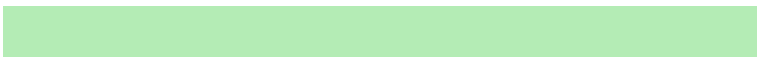
The Inverse Universe completely reimagines the original color for something new.



62.1775, 54.9826, 66.3694



70.9558, 60.4383, 74.2734



57.1533, 73.0290, 54.7664



15.3680, 15.1751, 17.2233



20.8001, 10.5227, 10.0148



1.6817, 0.8457, 1.0413

Previews

White Background



This preview shows how the XYZ color 57.7561, 52.2540, 86.3988 looks on a white background.

Color Contrast Check

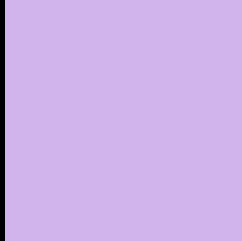
Large Text (above 18pt) WCAG AA × Fail

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 57.7561, 52.2540, 86.3988 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

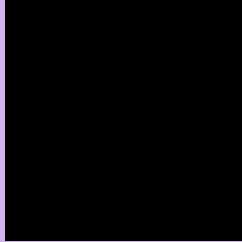
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.7561, 52.2540, 86.3988

Background



This preview shows how black text looks on a background with the XYZ color 57.7561, 52.2540, 86.3988.



This preview shows how white text looks on a background with the XYZ color 57.7561, 52.2540,

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

57.7561, 52.2540, 86.3988

Protanopia

52.7354, 52.3312, 92.1155

Deuteranopia

53.5048, 52.2302, 85.8587



Tritanopia

52.7301, 52.0314, 62.5222

Trichromacy



Original Color

57.7561, 52.2540, 86.3988

Protanomaly

54.2733, 52.2279, 89.6586

Deuteranomaly

54.9008, 52.0149, 85.7436

Tritanomaly

54.4549, 52.1152, 70.8075

Monochromacy



Original Color

57.7561, 52.2540, 86.3988

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

53.8657, 53.7594, 68.5103

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.7561, 52.2540, 86.3988 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(209, 180, 236)` looks like.

```
.text, #text, p{  
    color:rgb(209, 180, 236)  
}
```

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(209, 180, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 180, 236) }
```

Border

The CSS property to change the border of an element to XYZ 57.7561, 52.2540, 86.3988 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(209, 180, 236) }
```


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

```
.border{ border-color:rgb(209, 180, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 180, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 180, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 180, 236);  
box-shadow:4px 4px 4px 4px rgb(209, 180,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 57.7561, 52.2540, 86.3988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 180, 236) }
```

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

```
.background{ background-color: rgb(209,  
180, 236) }
```

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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