

Converting Colors

XYZ(58.0056, 52.7988, 76.3115)

Have a look what the booklet for
XYZ(58.0056, 52.7988, 76.3115)
contains.

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Color

**XYZ(58.0276, 52.9206,
76.2636)**

Conversions

Conversions Part 1

Format	Color
Hex	D8B5DE
RGB	216, 181, 222
RGB Percent	85%, 71%, 87%
CMY	0.1529, 0.2902, 0.1294
CMYK	0.03, 0.18, 0.00, 0.13
HSL	291°, 38%, 79%
HSV	291°, 18%, 87%
XYZ	58.0276, 52.9206, 76.2636
YIQ	196.1390, 7.6990, 20.1710

Conversions

Conversions Part 2

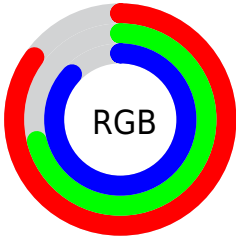
Format	Color
R _Y B	216, 181, 222
Decimal	14202334
CIE Lab	77.83, 19.73, -15.84
CIE LCh	78, 25.307, 321.241
Yxy	52.9206, 0.3100, 0.2827
Android (android.graphics.Color)	4292392414 (0xFFD8B5DE)
YUV	196.1390, 12.7495, 17.4181
Hunter-Lab	72.7465, 15.0773, -11.2339

Details

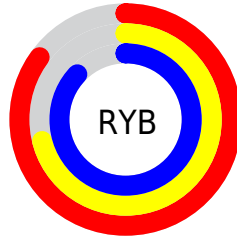
The XYZ color **58.0276, 52.9206, 76.2636** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **54.9572, 66.1449, 53.5894**, and the grayscale version is **52.4768, 55.2096, 60.1233**.

A 20% lighter version of the original color is **89.5742, 89.0484, 107.0747**, and **29.3922, 25.8054, 39.9910** is the 20% darker color. If you saturate the color by 10%, you get **52.9184, 44.1123, 74.8335**, and if you desaturate by 10%, it is **63.8782, 63.1817, 77.9366**.

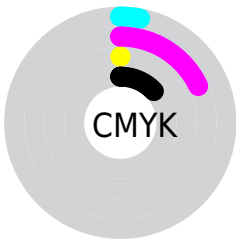
Distribution



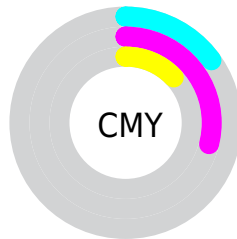
- Red (85%)
- Green (71%)
- Blue (87%)



- Red (85%)
- Yellow (71%)
- Blue (87%)



- Cyan (3%)
- Magenta (18%)
- Yellow (0%)
- Black (13%)



- Cyan (15%)
- Magenta (29%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.0276, 52.9206, 76.2636 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 58.0276, 52.9206, 76.2636 by changing the saturation by 10% instead.

■ 58.0276, 52.9206,
76.2636

■ 58.0276, 52.9206,
76.2636

407.2410,
397.9804, 501.6204

■ 42.0742, 37.7394,
56.1407

■ 101.0858, 94.4875,
129.8630

■ 29.3507, 25.7805,
39.9110

128.9213,
121.6420, 164.1765

■ 19.4919, 16.6595,
27.1559

161.4481,
153.5564, 204.0574

■ 12.1324, 9.9920,
17.4569

199.0318,
190.6151, 249.9241

■ 6.9067, 5.3937,
10.3954

242.0375,
233.2024, 302.1953

■ 3.4497, 2.4800,
5.5529

290.8307,

■ 1.3958, 0.8666,

281.7028, 361.2893

2.5108

345.7768,
336.5007, 427.6249

■ 0.2532, 0.0000,
0.8459

■ 0.0000, 0.0000,
0.0000

■ 58.0276, 52.9206,
76.2636

■ 58.0276, 52.9206,
76.2636

■ 52.9184, 44.1123,
74.8335

■ 63.8782, 63.1817,
77.9366

■ 48.5118, 36.6820,
73.6316

■ 70.4972, 74.9523,
79.8597

■ 44.7725, 30.5584,
72.6467

■ 77.9163, 88.2944,
82.0440

■ 41.6601, 25.6611,
71.8654

■ 81.2571, 93.4515,
82.8633

39.1300, 21.9008,
71.2730

82.3036, 93.9910,
82.9123

37.1313, 19.1760,
70.8524

83.3695, 94.5405,
82.9622

35.6042, 17.3669,
70.5837

84.4551, 95.1001,
83.0130

34.4598, 16.2964,
70.4374

85.5604, 95.6699,
83.0647

34.2986, 16.1585,
70.4192

86.6855, 96.2499,
83.1174

Harmonies

Analogous

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



53.7984, 52.9206, 86.6806



58.0276, 52.9206, 76.2636



60.2208, 52.9206, 61.8385

Triad

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



58.0276, 52.9206, 76.2636



51.7511, 52.9206, 34.8139



42.0018, 52.9206, 67.9844

Complementary

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



58.0276, 52.9206, 76.2636



54.9572, 66.1449, 53.5894

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.



41.5324, 52.9206, 53.6008



58.0276, 52.9206, 76.2636



46.9555, 52.9206, 35.9128

Square

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



58.0276, 52.9206, 76.2636



56.4455, 52.9206, 39.0021



43.2898, 52.9206, 42.2956



44.6166, 52.9206, 81.3857

Rectangle

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



58.0276, 52.9206, 76.2636



60.1408, 52.9206, 52.5092



43.2898, 52.9206, 42.2956



41.5949, 52.9206, 63.0553

Sweetspot

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



58.0292, 52.9229, 76.2647



89.5429, 90.2015, 107.2990



50.0452, 50.7045, 76.2574



19.0426, 19.0885, 22.9307



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.



58.0292, 52.9229, 76.2647



76.7342, 67.7568, 103.6418



57.9919, 53.1165, 66.6466



14.0876, 13.8287, 17.3144



20.4461, 9.6357, 41.8306



1.4717, 0.6960, 2.9020

Inverse Universe

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



55.6195, 52.1676, 54.1541



72.9164, 66.5712, 68.1084



55.0691, 66.0237, 61.6810



13.7886, 13.7331, 14.6567



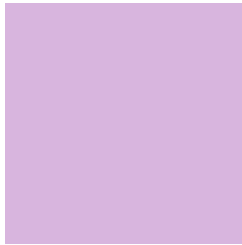
18.0769, 9.2977, 1.8045



1.2791, 0.6549, 0.2626

Previews

White Background



This preview shows how the XYZ color 58.0276, 52.9206, 76.2636 looks on a white background.

Color Contrast Check

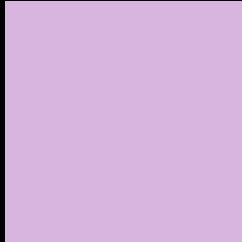
Large Text (above 18pt) WCAG AA × Fail

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 58.0276, 52.9206, 76.2636 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

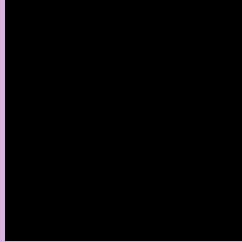
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.0276, 52.9206, 76.2636

Background



This preview shows how black text looks on a background with the XYZ color 58.0276, 52.9206, 76.2636.



This preview shows how white text looks on a background with the XYZ color 58.0276, 52.9206,

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

58.0276, 52.9206, 76.2636

Protanopia

52.7812, 53.2330, 81.6219

Deuteranopia

54.3231, 53.1927, 75.8107



Tritanopia

55.0983, 52.9676, 61.3526

Trichromacy



Original Color

58.0276, 52.9206, 76.2636

Protanomaly

54.2627, 52.7674, 79.2767

Deuteranomaly

55.5769, 52.8975, 75.6876

Tritanomaly

56.1345, 53.0821, 66.3187

Monochromacy



Original Color

58.0276, 52.9206, 76.2636

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

54.2788, 54.3659, 65.3905

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.0276, 52.9206, 76.2636 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, 222)` looks like.

```
.text, #text, p{  
    color:rgb(216, 181, 222)  
}
```

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, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 181, 222) }
```

Border

The CSS property to change the border of an element to XYZ 58.0276, 52.9206, 76.2636 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, 222) }
```


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

```
.border{ border-color:rgb(216, 181, 222) }
```

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, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 181, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 181, 222);  
box-shadow:4px 4px 4px 4px rgb(216, 181,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 58.0276, 52.9206, 76.2636 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, 222) }
```

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

```
.background{ background-color: rgb(216,  
181, 222) }
```

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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