

Converting Colors

XYZ(59.5677, 56.2146, 76.1176)

Have a look what the booklet for
XYZ(59.5677, 56.2146, 76.1176)
contains.

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Color

**XYZ(59.5676, 56.2146,
76.1176)**

Conversions

Conversions Part 1

Format	Color
Hex	D8BDDD
RGB	216, 189, 221
RGB Percent	85%, 74%, 87%
CMY	0.1529, 0.2588, 0.1333
CMYK	0.02, 0.14, 0.00, 0.13
HSL	291°, 32%, 80%
HSV	291°, 14%, 87%
XYZ	59.5676, 56.2146, 76.1176
YIQ	200.7210, 5.8200, 15.6760

Conversions

Conversions Part 2

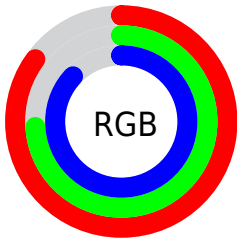
Format	Color
R _{YB}	216, 189, 221
Decimal	14204381
CIE _{Lab}	79.74, 15.23, -12.44
CIE _{LCh}	80, 19.666, 320.757
Yxy	56.2146, 0.3104, 0.2929
Android (android.graphics.Color)	4292394461 (0xFFD8BDDD)
YUV	200.7210, 9.9975, 13.3997
Hunter-Lab	74.9764, 10.6068, -7.7090

Details

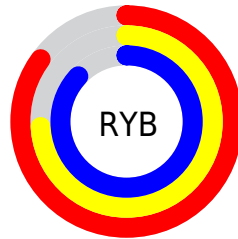
The XYZ color **59.5676, 56.2146, 76.1176** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **57.2921, 66.8579, 58.0322**, and the grayscale version is **55.2836, 58.1627, 63.3392**.

A 20% lighter version of the original color is **91.9424, 93.7848, 107.8641**, and **30.3850, 27.9386, 39.8676** is the 20% darker color. If you saturate the color by 10%, you get **54.1622, 46.9017, 74.6058**, and if you desaturate by 10%, it is **65.7222, 66.9921, 77.8743**.

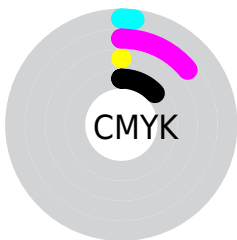
Distribution



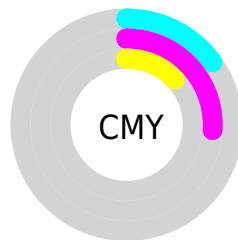
- Red (85%)
- Green (74%)
- Blue (87%)



- Red (85%)
- Yellow (74%)
- Blue (87%)



- Cyan (2%)
- Magenta (14%)
- Yellow (0%)
- Black (13%)



- Cyan (15%)
- Magenta (26%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.5676, 56.2146, 76.1176 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 59.5676, 56.2146, 76.1176 by changing the saturation by 10% instead.

■ 59.5676, 56.2146,
76.1176

■ 59.5676, 56.2146,
76.1176

412.8624,
410.4997, 501.1077

■ 43.3183, 40.3750,
56.0217

■ 103.3121, 99.3183,
129.6547

■ 30.3306, 27.8311,
39.8162

131.5380,
127.3511, 163.9331

■ 20.2389, 18.1983,
27.0826

164.4868,
160.2172, 203.7760

■ 12.6781, 11.0925,
17.4023

202.5240,
198.3009, 249.6019

■ 7.2827, 6.1291,
10.3567

246.0147,
241.9866, 301.8296

■ 3.6874, 2.9237,
5.5274

295.3245,

■ 1.5269, 1.0920,

291.6587, 360.8774

2.4958

350.8186,
347.7016, 427.1639

■ 0.3440, 0.0000,
0.8379

■ 0.0000, 0.0000,
0.0000

■ 59.5676, 56.2146,
76.1176

■ 59.5676, 56.2146,
76.1176

■ 54.1622, 46.9017,
74.6058

■ 65.7222, 66.9921,
77.8743

■ 49.4681, 38.9808,
73.3243

■ 72.6516, 79.2881,
79.8825

■ 45.4516, 32.3837,
72.2626

■ 80.2890, 92.9678,
82.1204

■ 42.0745, 27.0340,
71.4080

■ 81.3852, 93.5330,
82.1717

39.2942, 22.8470,
70.7464

82.5035, 94.1095,
82.2240

37.0633, 19.7277,
70.2619

83.6438, 94.6973,
82.2774

35.3264, 17.5659,
69.9361

84.8063, 95.2966,
82.3318

34.0163, 16.2272,
69.7468

85.9911, 95.9074,
82.3873

33.4144, 15.7181,
69.6802

87.1984, 96.5298,
82.4438

Harmonies

Analogous

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



56.1836, 56.2146, 84.0297



59.5676, 56.2146, 76.1176



61.3304, 56.2146, 64.7898

Triad

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



59.5676, 56.2146, 76.1176



54.6667, 56.2146, 42.0542



46.6006, 56.2146, 69.2938

Complementary

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



59.5676, 56.2146, 76.1176



57.2921, 66.8579, 58.0322

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.



46.2395, 56.2146, 57.7609



59.5676, 56.2146, 76.1176



50.7684, 56.2146, 42.9450

Square

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



59.5676, 56.2146, 76.1176



58.4100, 56.2146, 45.7798



47.7297, 56.2146, 48.3850



48.7420, 56.2146, 79.7634

Rectangle

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



59.5676, 56.2146, 76.1176



61.2920, 56.2146, 57.2149



47.7297, 56.2146, 48.3850



46.2713, 56.2146, 65.3830

Sweetspot

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



59.5693, 56.2170, 76.1188



91.2979, 93.3628, 107.8166



53.4059, 54.7741, 76.1652



19.3947, 19.7245, 23.0350



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.



59.5693, 56.2170, 76.1188



80.2976, 74.1299, 104.6841



59.6926, 56.4396, 68.9402



13.4041, 13.1665, 16.4870



19.4896, 9.1715, 40.4815



1.3176, 0.6225, 2.6252

Inverse Universe

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



57.7560, 55.6650, 58.7423



77.4066, 73.2564, 76.6812



57.2311, 66.6878, 64.2975



13.1386, 13.0845, 13.9910



17.5211, 9.0095, 1.8583



1.1615, 0.5942, 0.2595

Previews

White Background



This preview shows how the XYZ color 59.5676, 56.2146, 76.1176 looks on a white background.

Color Contrast Check

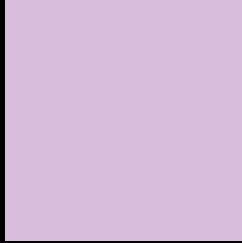
Large Text (above 18pt) WCAG AA × Fail

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 59.5676, 56.2146, 76.1176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

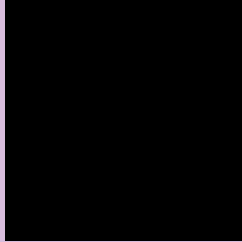
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.5676, 56.2146, 76.1176

Background



This preview shows how black text looks on a background with the XYZ color 59.5676, 56.2146, 76.1176.



This preview shows how white text looks on a background with the XYZ color 59.5676, 56.2146,

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

59.5676, 56.2146, 76.1176

Protanopia

55.4597, 56.3083, 79.8971

Deuteranopia

57.2215, 55.9884, 75.5011



Tritanopia

57.5029, 56.0140, 66.1736

Trichromacy



Original Color

59.5676, 56.2146, 76.1176

Protanomaly

56.6119, 55.9393, 78.3346

Deuteranomaly

58.1274, 56.1305, 75.4808

Tritanomaly

58.1957, 55.9771, 69.3654

Monochromacy



Original Color

59.5676, 56.2146, 76.1176

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

56.8050, 57.6084, 67.8001

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.5676, 56.2146, 76.1176 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, 189, 221)` looks like.

```
.text, #text, p{  
    color:rgb(216, 189, 221)  
}
```

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, 189, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 189, 221) }
```

Border

The CSS property to change the border of an element to XYZ 59.5676, 56.2146, 76.1176 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, 189, 221) }
```


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

```
.border{ border-color:rgb(216, 189, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 189, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 189, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 189, 221);  
box-shadow:4px 4px 4px 4px rgb(216, 189,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 59.5676, 56.2146, 76.1176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 189, 221) }
```

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

```
.background{ background-color: rgb(216,  
189, 221) }
```

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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