

Converting Colors

XYZ(55.8606, 52.2069, 85.4286)

Have a look what the booklet for
XYZ(55.8606, 52.2069, 85.4286)
contains.

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Color

**XYZ(56.0163, 52.2826,
85.7364)**

Conversions

Conversions Part 1

Format	Color
Hex	C9B7EB
RGB	201, 183, 235
RGB Percent	79%, 72%, 92%
CMY	0.2118, 0.2823, 0.0784
CMYK	0.14, 0.22, 0.00, 0.08
HSL	261°, 57%, 82%
HSV	261°, 22%, 92%
XYZ	56.0163, 52.2826, 85.7364
YIQ	194.3100, -5.9640, 19.9880

Conversions

Conversions Part 2

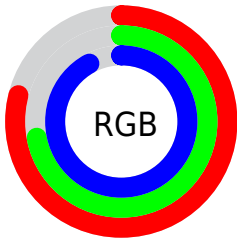
Format	Color
R_{YB}	201, 183, 235
Decimal	13219819
CIE _{Lab}	77.45, 16.41, -23.57
CIE _{LCh}	77, 28.715, 304.848
Yxy	52.2826, 0.2887, 0.2694
Android (android.graphics.Color)	4291409899 (0xFFC9B7EB)
YUV	194.3100, 20.0602, 5.8671
Hunter-Lab	72.3067, 11.7479, -19.6874

Details

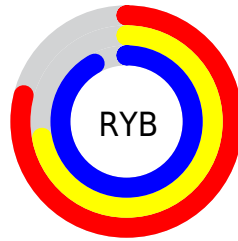
The XYZ color **56.0163, 52.2826, 85.7364** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **66.8724, 77.5885, 56.2536**, and the grayscale version is **51.3505, 54.0247, 58.8329**.

A 20% lighter version of the original color is **90.1565, 90.2130, 107.2688**, and **28.1519, 25.4230, 46.0712** is the 20% darker color. If you saturate the color by 10%, you get **47.6421, 41.3619, 84.0707**, and if you desaturate by 10%, it is **65.6163, 65.0391, 87.6935**.

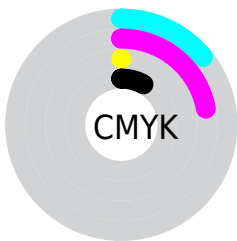
Distribution



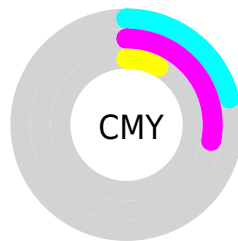
- Red (79%)
- Green (72%)
- Blue (92%)



- Red (79%)
- Yellow (72%)
- Blue (92%)



- Cyan (14%)
- Magenta (22%)
- Yellow (0%)
- Black (8%)



- Cyan (21%)
- Magenta (28%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.0163, 52.2826, 85.7364 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 56.0163, 52.2826, 85.7364 by changing the saturation by 10% instead.

■ 56.0163, 52.2826,
85.7364

■ 56.0163, 52.2826,
85.7364

399.8270,
395.5266, 534.2696

■ 40.4530, 37.2304,
63.8964

■ 98.1681, 93.5479,
143.2849

■ 28.0777, 25.3859,
46.1211

125.4873,
120.5297, 179.8304

■ 18.5250, 16.3648,
31.9920

157.4559,
152.2569, 222.1148

■ 11.4295, 9.7827,
21.0907

194.4393,
189.1138, 270.5567

■ 6.4259, 5.2551,
12.9984

236.8027,
231.4849, 325.5746

■ 3.1489, 2.3977,
7.2967

284.9115,

■ 1.2330, 0.8247,

279.7544, 387.5870

3.5671

339.1312,
334.3069, 457.0125

■ 0.1322, 0.0000,
1.3910

■ 0.0000, 0.0000,
0.1347

■ 56.0163, 52.2826,
85.7364

■ 56.0163, 52.2826,
85.7364

■ 47.6421, 41.3619,
84.0707

■ 65.6163, 65.0391,
87.6935

■ 40.4365, 32.1839,
82.6789

■ 76.4860, 79.7056,
89.9515

■ 34.3449, 24.6573,
81.5472

■ 88.6733, 96.3600,
92.5238

■ 29.3060, 18.6791,
80.6589

■ 91.9955, 98.7782,
92.8155

■ 25.2522, 14.1349,
79.9954

■ 22.1067, 10.8934,
79.5356

■ 19.7792, 8.7976,
79.2537

■ 18.4184, 7.7628,
79.1257

Harmonies

Analogous

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



50.5966, 52.2826, 92.9586



56.0163, 52.2826, 85.7364



59.9469, 52.2826, 70.8675

Triad

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



56.0163, 52.2826, 85.7364



54.3482, 52.2826, 33.5819



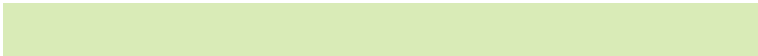
39.8380, 52.2826, 59.5380

Complementary

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



56.0163, 52.2826, 85.7364



66.8724, 77.5885, 56.2536

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.



40.6806, 52.2826, 44.9459



56.0163, 52.2826, 85.7364



48.8003, 52.2826, 31.6663

Square

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



56.0163, 52.2826, 85.7364



58.9349, 52.2826, 41.2465



43.8645, 52.2826, 35.4239



41.4717, 52.2826, 76.1493

Rectangle

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



56.0163, 52.2826, 85.7364



61.0468, 52.2826, 59.7040



43.8645, 52.2826, 35.4239



39.8422, 52.2826, 54.2372

Sweetspot

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



56.0180, 52.2848, 85.7376



85.4533, 86.9885, 106.8943



59.5106, 66.0372, 88.2080



18.1212, 18.3907, 22.8446



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.



56.0180, 52.2848, 85.7376



62.2137, 56.1000, 102.1571



63.3991, 56.0899, 86.0830



14.7229, 14.8024, 19.0034



10.3744, 4.3841, 44.0424



0.9149, 0.3960, 3.4631

Inverse Universe

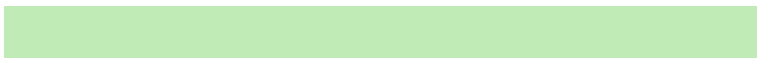
The Inverse Universe completely reimagines the original color for something new.



63.7204, 56.5409, 73.2026



73.2781, 62.2201, 83.8734



59.9112, 73.9998, 55.9278



15.4805, 15.2200, 17.8155



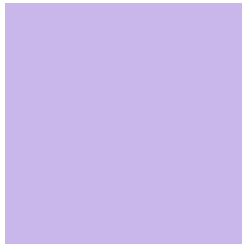
22.3605, 11.1469, 18.2316



1.8009, 0.8933, 1.6687

Previews

White Background



This preview shows how the XYZ color 56.0163, 52.2826, 85.7364 looks on a white background.

Color Contrast Check

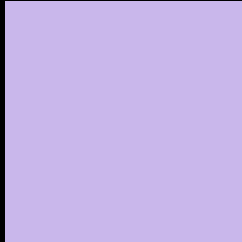
Large Text (above 18pt) WCAG AA × Fail

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 56.0163, 52.2826, 85.7364 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

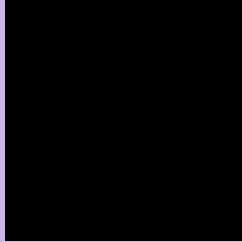
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.0163, 52.2826, 85.7364

Background



This preview shows how black text looks on a background with the XYZ color 56.0163, 52.2826, 85.7364.



This preview shows how white text looks on a background with the XYZ color 56.0163, 52.2826,

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

56.0163, 52.2826, 85.7364

Protanopia

52.3680, 52.2109, 88.9790

Deuteranopia

53.3606, 52.1725, 85.0998



Tritanopia

51.8616, 52.4906, 64.5250

Trichromacy



Original Color

56.0163, 52.2826, 85.7364

Protanomaly

53.6965, 52.2785, 88.1496

Deuteranomaly

54.4025, 52.3958, 85.0880

Tritanomaly

53.3248, 52.4527, 71.6038

Monochromacy



Original Color

56.0163, 52.2826, 85.7364

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

52.9480, 53.3007, 67.8190

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.0163, 52.2826, 85.7364 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(201, 183, 235)` looks like.

```
.text, #text, p{  
    color:rgb(201, 183, 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(201, 183, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 183, 235) }
```

Border

The CSS property to change the border of an element to XYZ 56.0163, 52.2826, 85.7364 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(201, 183, 235) }
```


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

```
.border{ border-color:rgb(201, 183, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 183, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 183, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 183, 235);  
box-shadow:4px 4px 4px 4px rgb(201, 183,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 56.0163, 52.2826, 85.7364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 183, 235) }
```

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

```
.background{ background-color: rgb(201,  
183, 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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