

Converting Colors

XYZ(56.0463, 51.5396, 85.5918)

Have a look what the booklet for
XYZ(56.0463, 51.5396, 85.5918)
contains.

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Color

**XYZ(56.1479, 51.7424,
85.6252)**

Conversions

Conversions Part 1

Format	Color
Hex	CBB5EB
RGB	203, 181, 235
RGB Percent	80%, 71%, 92%
CMY	0.2039, 0.2902, 0.0784
CMYK	0.14, 0.23, 0.00, 0.08
HSL	264°, 57%, 82%
HSV	264°, 23%, 92%
XYZ	56.1479, 51.7424, 85.6252
YIQ	193.7340, -4.2220, 21.4580

Conversions

Conversions Part 2

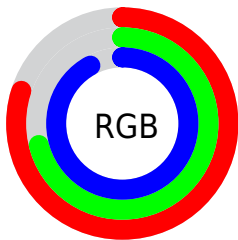
Format	Color
R _Y B	203, 181, 235
Decimal	13350379
CIE Lab	77.13, 18.13, -24.04
CIE LCh	77, 30.110, 307.016
Yxy	51.7424, 0.2901, 0.2674
Android (android.graphics.Color)	4291540459 (0xFFCBB5EB)
YUV	193.7340, 20.3441, 8.1263
Hunter-Lab	71.9322, 13.4499, -20.2239

Details

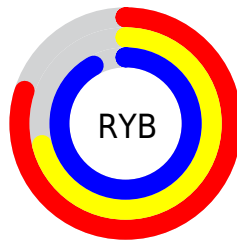
The XYZ color **56.1479, 51.7424, 85.6252** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **65.4910, 76.9002, 55.1099**, and the grayscale version is **51.0078, 53.6642, 58.4403**.

A 20% lighter version of the original color is **89.5742, 89.0484, 107.0747**, and **28.0686, 24.9889, 45.9918** is the 20% darker color. If you saturate the color by 10%, you get **48.1432, 41.1117, 83.9960**, and if you desaturate by 10%, it is **65.3026, 64.1649, 87.5413**.

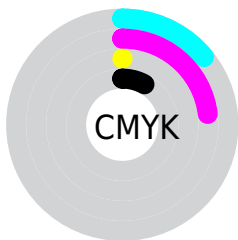
Distribution



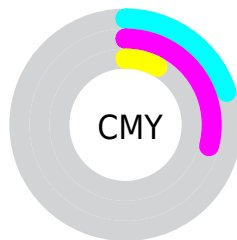
- Red (80%)
- Green (71%)
- Blue (92%)



- Red (80%)
- Yellow (71%)
- Blue (92%)



- Cyan (14%)
- Magenta (23%)
- Yellow (0%)
- Black (8%)



- Cyan (20%)
- Magenta (29%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.1479, 51.7424, 85.6252 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 56.1479, 51.7424, 85.6252 by changing the saturation by 10% instead.

■ 56.1479, 51.7424,
85.6252

■ 56.1479, 51.7424,
85.6252

400.3146,
393.4413, 533.8930

■ 40.5590, 36.7998,
63.8050

■ 98.3593, 92.7512,
143.1283

■ 28.1608, 25.0525,
46.0476

125.7126,
119.5862, 179.6482

■ 18.5880, 16.1162,
31.9344

157.7180,
151.1541, 221.9050

■ 11.4752, 9.6064,
21.0470

194.7409,
187.8394, 270.3174

■ 6.4570, 5.1388,
12.9668

237.1466,
230.0263, 325.3039

■ 3.1682, 2.3289,
7.2752

285.3006,

■ 1.2433, 0.7890,

278.0994, 387.2829

3.5538

339.5682,
332.4429, 456.6731

■ 0.1402, 0.0000,
1.3839

■ 0.0000, 0.0000,
0.1291

■ 56.1479, 51.7424,
85.6252

■ 56.1479, 51.7424,
85.6252

■ 48.1432, 41.1117,
83.9960

■ 65.3026, 64.1649,
87.5413

■ 41.2341, 32.1809,
82.6363

■ 75.6484, 78.4523,
89.7538

■ 35.3691, 24.8595,
81.5323

■ 87.2304, 94.6814,
92.2759

■ 30.4901, 19.0458,
80.6673

■ 91.9955, 98.7782,
92.8155

■ 26.5327, 14.6261,
80.0227

■ 23.4234, 11.4695,
79.5773

■ 21.0752, 9.4187,
79.3052

■ 19.7920, 8.4709,
79.1899

Harmonies

Analogous

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



50.5439, 51.7424, 94.0154



56.1479, 51.7424, 85.6252



60.0880, 51.7424, 69.6433

Triad

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



56.1479, 51.7424, 85.6252



53.6288, 51.7424, 31.9070



38.9928, 51.7424, 60.2996

Complementary

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



56.1479, 51.7424, 85.6252



65.4910, 76.9002, 55.1099

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.



39.6784, 51.7424, 44.8465



56.1479, 51.7424, 85.6252



47.8401, 51.7424, 30.3724

Square

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



56.1479, 51.7424, 85.6252



58.5562, 51.7424, 39.3300



42.8131, 51.7424, 34.6312



40.8615, 51.7424, 77.6561

Rectangle

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



56.1479, 51.7424, 85.6252



61.0804, 51.7424, 58.0048



42.8131, 51.7424, 34.6312



38.9347, 51.7424, 54.7048

Sweetspot

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



56.1495, 51.7446, 85.6264



85.8325, 87.1840, 106.9121



57.9482, 63.6137, 87.8225



18.2089, 18.4359, 22.8487



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.



56.1495, 51.7446, 85.6264



62.4577, 55.4346, 102.0158



64.0256, 55.8048, 85.9949



14.8123, 14.8485, 19.0076



11.1511, 4.7846, 44.0787



0.9822, 0.4306, 3.4662

Inverse Universe

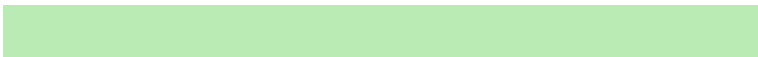
The Inverse Universe completely reimagines the original color for something new.



62.7967, 55.5161, 70.3587



72.0129, 60.8612, 79.8400



58.3975, 73.2434, 54.7779



15.4401, 15.2039, 17.6027



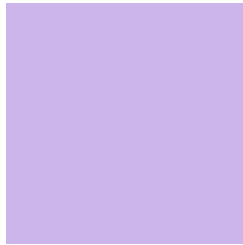
21.7370, 10.8975, 14.9481



1.7544, 0.8747, 1.4240

Previews

White Background



This preview shows how the XYZ color 56.1479, 51.7424, 85.6252 looks on a white background.

Color Contrast Check

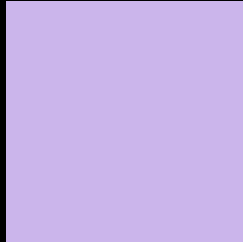
Large Text (above 18pt) WCAG AA × Fail

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 56.1479, 51.7424, 85.6252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

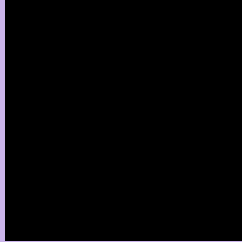
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.1479, 51.7424, 85.6252

Background



This preview shows how black text looks on a background with the XYZ color 56.1479, 51.7424, 85.6252.



This preview shows how white text looks on a background with the XYZ color 56.1479, 51.7424,

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

56.1479, 51.7424, 85.6252

Protanopia

52.2859, 52.1514, 89.7485

Deuteranopia

53.1151, 52.0460, 85.0883



Tritanopia

51.4570, 51.6752, 63.1394

Trichromacy



Original Color

56.1479, 51.7424, 85.6252

Protanomaly

53.4850, 51.8557, 88.0791

Deuteranomaly

54.1926, 51.9759, 85.0180

Tritanomaly

53.0397, 51.6951, 70.8010

Monochromacy



Original Color

56.1479, 51.7424, 85.6252

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

52.7322, 52.8690, 67.7470

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.1479, 51.7424, 85.6252 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(203, 181, 235)` looks like.

```
.text, #text, p{  
    color:rgb(203, 181, 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(203, 181, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 181, 235) }
```

Border

The CSS property to change the border of an element to XYZ 56.1479, 51.7424, 85.6252 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(203, 181, 235) }
```


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

```
.border{ border-color:rgb(203, 181, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 181, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 181, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 181, 235);  
box-shadow:4px 4px 4px 4px rgb(203, 181,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 56.1479, 51.7424, 85.6252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 181, 235) }
```

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

```
.background{ background-color: rgb(203,  
181, 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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