

Converting Colors

XYZ(56.0624, 54.9245, 81.7754)

Have a look what the booklet for
XYZ(56.0624, 54.9245, 81.7754)
contains.

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Color

**XYZ(56.0624, 54.9245,
81.7754)**

Conversions

Conversions Part 1

Format	Color
Hex	C6BFE5
RGB	198, 191, 229
RGB Percent	78%, 75%, 90%
CMY	0.2235, 0.2510, 0.1020
CMYK	0.14, 0.17, 0.00, 0.10
HSL	251°, 42%, 82%
HSV	251°, 17%, 90%
XYZ	56.0624, 54.9245, 81.7754
YIQ	197.4250, -8.0260, 13.3020

Conversions

Conversions Part 2

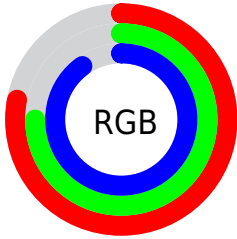
Format	Color
R_{YB}	198, 191, 229
Decimal	13025253
CIE Lab	79.00, 9.85, -18.01
CIE LCh	79, 20.524, 298.677
Yxy	54.9245, 0.2908, 0.2849
Android (android.graphics.Color)	4291215333 (0xFFC6BFE5)
YUV	197.4250, 15.5665, 0.5043
Hunter-Lab	74.1111, 5.3346, -13.5438

Details

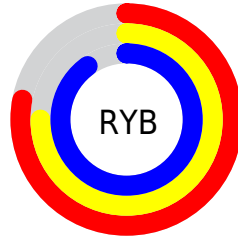
The XYZ color **56.0624, 54.9245, 81.7754** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **67.5492, 75.3311, 60.2728**, and the grayscale version is **53.2415, 56.0142, 60.9994**.

A 20% lighter version of the original color is **92.5508, 95.0015, 108.0669**, and **28.1329, 27.1234, 43.2877** is the 20% darker color. If you saturate the color by 10%, you get **46.8293, 43.3228, 80.0236**, and if you desaturate by 10%, it is **66.6871, 68.4055, 83.8184**.

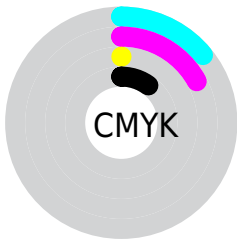
Distribution



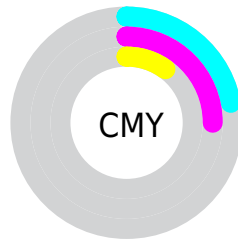
- Red (78%)
- Green (75%)
- Blue (90%)



- Red (78%)
- Yellow (75%)
- Blue (90%)



- Cyan (14%)
- Magenta (17%)
- Yellow (0%)
- Black (10%)



- Cyan (22%)
- Magenta (25%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.0624, 54.9245, 81.7754 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 56.0624, 54.9245, 81.7754 by changing the saturation by 10% instead.

■ 56.0624, 54.9245,
81.7754

■ 56.0624, 54.9245,
81.7754

399.9978,
405.6257, 520.7598

■ 40.4902, 39.3413,
60.6457

■ 98.2351, 97.4303,
137.6928

■ 28.1068, 27.0253,
43.5106

125.5662,
125.1217, 173.3177

■ 18.5471, 17.5922,
29.9516

157.5477,
157.6180, 214.6112

■ 11.4455, 10.6576,
19.5501

194.5449,
195.3034, 261.9922

■ 6.4368, 5.8371,
11.8876

236.9232,
238.5626, 315.8789

■ 3.1556, 2.7463,
6.5456

285.0478,

■ 1.2366, 1.0008,

287.7797, 376.6901

3.1055

339.2843,
343.3393, 444.8442

■ 0.1350, 0.0000,
1.1487

■ 0.0000, 0.0000,
0.0000

■ 56.0624, 54.9245,
81.7754

■ 56.0624, 54.9245,
81.7754

■ 46.8293, 43.3228,
80.0236

■ 66.6871, 68.4055,
83.8184

■ 38.9246, 33.5099,
78.5461

■ 78.7530, 83.8372,
86.1611

■ 32.2875, 25.3978,
77.3301

■ 90.7943, 98.2575,
88.3098

■ 26.8506, 18.8887,
76.3603

■ 91.1430, 98.4372,
88.3261

■ 22.5399, 13.8743,
75.6196

■ 19.2730, 10.2328,
75.0889

■ 16.9555, 7.8230,
74.7459

■ 15.4724, 6.4683,
74.5626

■ 15.1051, 6.1532,
74.5211

Harmonies

Analogous

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



52.0231, 54.9245, 85.2124



56.0624, 54.9245, 81.7754



59.2012, 54.9245, 72.2687

Triad

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



56.0624, 54.9245, 81.7754



56.3922, 54.9245, 42.5809



44.7429, 54.9245, 59.2859

Complementary

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



56.0624, 54.9245, 81.7754



67.5492, 75.3311, 60.2728

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.



45.7813, 54.9245, 48.8609



56.0624, 54.9245, 81.7754



52.3855, 54.9245, 40.0258

Square

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



56.0624, 54.9245, 81.7754



59.3985, 54.9245, 49.6508



48.5270, 54.9245, 42.1683



45.6154, 54.9245, 71.2535

Rectangle

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



56.0624, 54.9245, 81.7754



60.2858, 54.9245, 64.3270



48.5270, 54.9245, 42.1683



44.8790, 54.9245, 55.4971

Sweetspot

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



56.0641, 54.9268, 81.7766



87.3928, 90.2135, 107.4146



61.7606, 68.9953, 84.1919



18.4834, 19.0259, 22.9481



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.



56.0641, 54.9268, 81.7766



67.1975, 64.6107, 103.5372



61.3808, 57.6676, 82.0254



13.8292, 14.0142, 18.1205



8.7094, 3.5558, 42.6105



0.7151, 0.2996, 3.1521

Inverse Universe

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



64.1304, 59.1958, 77.1553



79.4072, 71.0754, 96.4067



62.0627, 72.5027, 60.0161



14.8753, 14.5673, 17.5435



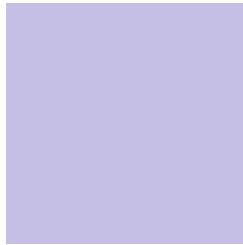
23.6342, 11.5879, 28.0324



1.7762, 0.8682, 2.2278

Previews

White Background



This preview shows how the XYZ color 56.0624, 54.9245, 81.7754 looks on a white background.

Color Contrast Check

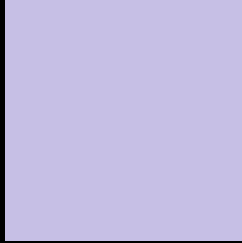
Large Text (above 18pt) WCAG AA × Fail

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 56.0624, 54.9245, 81.7754 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 56.0624, 54.9245, 81.7754

Background



This preview shows how black text looks on a background with the XYZ color 56.0624, 54.9245, 81.7754.



This preview shows how white text looks on a background with the XYZ color 56.0624, 54.9245,

81.7754.

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

56.0624, 54.9245, 81.7754

Protanopia

54.4546, 55.0445, 83.3559

Deuteranopia

56.0624, 54.9245, 81.7754



Tritanopia

53.4303, 54.8388, 68.7416

Trichromacy



Original Color

56.0624, 54.9245, 81.7754

Protanomaly

55.0911, 55.0596, 82.5869

Deuteranomaly

56.0624, 54.9245, 81.7754

Tritanomaly

54.3593, 54.8854, 73.3745

Monochromacy



Original Color

56.0624, 54.9245, 81.7754

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

54.0497, 55.5040, 68.1862

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.0624, 54.9245, 81.7754 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(198, 191, 229)` looks like.

```
.text, #text, p{  
    color:rgb(198, 191, 229)  
}
```

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(198, 191, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 191, 229) }
```

Border

The CSS property to change the border of an element to XYZ 56.0624, 54.9245, 81.7754 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(198, 191, 229) }
```


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

```
.border{ border-color:rgb(198, 191, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 191, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 191, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 191, 229);  
box-shadow:4px 4px 4px 4px rgb(198, 191,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 56.0624, 54.9245, 81.7754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 191, 229) }
```

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

```
.background{ background-color: rgb(198,  
191, 229) }
```

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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