

Converting Colors

XYZ(56.8521, 54.5462, 79.4839)

Have a look what the booklet for
XYZ(56.8521, 54.5462, 79.4839)
contains.

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Color

**XYZ(56.8875, 54.4366,
79.4605)**

Conversions

Conversions Part 1

Format	Color
Hex	CDBCE2
RGB	205, 188, 226
RGB Percent	80%, 74%, 89%
CMY	0.1961, 0.2627, 0.1137
CMYK	0.09, 0.17, 0.00, 0.11
HSL	267°, 40%, 81%
HSV	267°, 17%, 89%
XYZ	56.8875, 54.4366, 79.4605
YIQ	197.4150, -2.0660, 15.4220

Conversions

Conversions Part 2

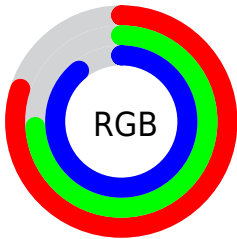
Format	Color
R_{YB}	205, 188, 226
Decimal	13483234
CIE _{Lab}	78.72, 13.11, -16.76
CIE _{LCh}	79, 21.281, 308.036
Yxy	54.4366, 0.2982, 0.2853
Android (android.graphics.Color)	4291673314 (0xFFCDBCE2)
YUV	197.4150, 14.0924, 6.6520
Hunter-Lab	73.7812, 8.5118, -12.2071

Details

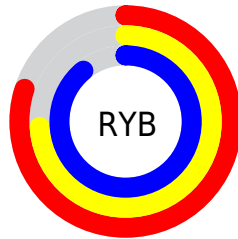
The XYZ color **56.8875, 54.4366, 79.4605** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **62.5700, 71.5803, 58.0982**, and the grayscale version is **53.2415, 56.0142, 60.9995**.

A 20% lighter version of the original color is **91.6407, 93.1814, 107.7636**, and **28.7772, 26.8475, 42.1934** is the 20% darker color. If you saturate the color by 10%, you get **49.1238, 43.8209, 77.8215**, and if you desaturate by 10%, it is **65.6856, 66.7107, 81.3668**.

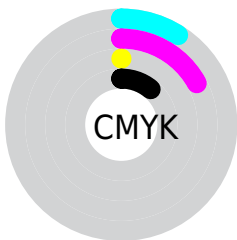
Distribution



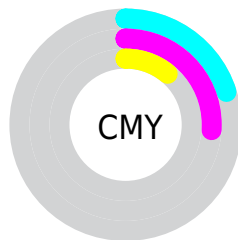
- Red (80%)
- Green (74%)
- Blue (89%)



- Red (80%)
- Yellow (74%)
- Blue (89%)



- Cyan (9%)
- Magenta (17%)
- Yellow (0%)
- Black (11%)



- Cyan (20%)
- Magenta (26%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.8875, 54.4366, 79.4605 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 56.8875, 54.4366, 79.4605 by changing the saturation by 10% instead.

■ 56.8875, 54.4366,
79.4605

■ 56.8875, 54.4366,
79.4605

403.0486,
403.7727, 512.7716

■ 41.1547, 38.9508,
58.7509

■ 99.4333, 96.7150,
134.4115

■ 28.6282, 26.7215,
41.9940

126.9771,
124.2764, 169.4900

■ 18.9426, 17.3642,
28.7710

159.1885,
156.6318, 210.1953

■ 11.7326, 10.4945,
18.6636

196.4330,
194.1656, 256.9458

■ 6.6327, 5.7280,
11.2531

239.0759,
237.2622, 310.1602

■ 3.2778, 2.6804,
6.1210

287.4826,

■ 1.3023, 0.9673,

286.3060, 370.2569

2.8488

342.0184,
341.6814, 437.6545

■ 0.1849, 0.0000,
1.0180

■ 0.0000, 0.0000,
0.0000

■ 56.8875, 54.4366,
79.4605

■ 56.8875, 54.4366,
79.4605

■ 49.1238, 43.8209,
77.8215

■ 65.6856, 66.7107,
81.3668

■ 42.3480, 34.7831,
76.4342

■ 75.5521, 80.7051,
83.5479

■ 36.5174, 27.2466,
75.2868

■ 86.2681, 95.9721,
85.9300

■ 31.5836, 21.1251,
74.3652

■ 90.7141, 98.2641,
86.1380

■ 27.4939, 16.3233,
73.6539

■ 90.7276, 98.2710,
86.1387

■ 24.1887, 12.7338,
73.1353

■ 21.5997, 10.2311,
72.7887

■ 19.6407, 8.6554,
72.5878

■ 19.1053, 8.2634,
72.5403

Harmonies

Analogous

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



52.8797, 54.4366, 85.3048



56.8875, 54.4366, 79.4605



59.6127, 54.4366, 68.3685

Triad

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



56.8875, 54.4366, 79.4605



54.8260, 54.4366, 40.2746



44.1352, 54.4366, 62.5708

Complementary

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



56.8875, 54.4366, 79.4605



62.5700, 71.5803, 58.0982

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.



44.5935, 54.4366, 51.0208



56.8875, 54.4366, 79.4605



50.6175, 54.4366, 39.1609

Square

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



56.8875, 54.4366, 79.4605



58.3783, 54.4366, 46.1104



46.9134, 54.4366, 42.8304



45.6257, 54.4366, 74.7269

Rectangle

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



56.8875, 54.4366, 79.4605



60.2552, 54.4366, 60.0700



46.9134, 54.4366, 42.8304



44.0680, 54.4366, 58.4815

Sweetspot

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



56.8892, 54.4389, 79.4617



88.5715, 90.8211, 107.4698



57.4000, 62.0474, 80.9034



18.7692, 19.1733, 22.9615



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.



56.8892, 54.4389, 79.4617



71.2627, 66.7064, 103.7274



62.2877, 57.2219, 79.7143



13.5313, 13.5419, 17.2884



11.0317, 4.7824, 41.3900



0.8666, 0.3840, 2.8737

Inverse Universe

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



60.8578, 56.7411, 68.0689



77.4248, 70.2825, 85.9678



57.6441, 69.0409, 57.8677



14.0227, 13.8267, 15.8896



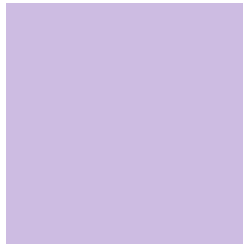
20.0622, 10.0919, 12.2591



1.4355, 0.7175, 1.0863

Previews

White Background



This preview shows how the XYZ color 56.8875, 54.4366, 79.4605 looks on a white background.

Color Contrast Check

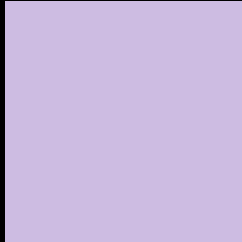
Large Text (above 18pt) WCAG AA × Fail

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 56.8875, 54.4366, 79.4605 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

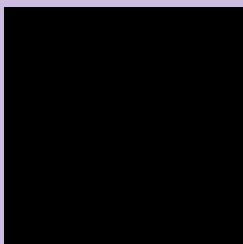
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.8875, 54.4366, 79.4605

Background



This preview shows how black text looks on a background with the XYZ color 56.8875, 54.4366, 79.4605.



This preview shows how white text looks on a background with the XYZ color 56.8875, 54.4366,

79.4605.

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

56.8875, 54.4366, 79.4605

Protanopia

53.9519, 54.4884, 81.8025

Deuteranopia

55.6941, 54.4600, 79.5279



Tritanopia

54.1285, 54.2744, 66.0156

Trichromacy



Original Color

56.8875, 54.4366, 79.4605

Protanomaly

54.8825, 54.3324, 80.9934

Deuteranomaly

56.0125, 54.3037, 79.4810

Tritanomaly

55.0523, 54.3275, 70.5355

Monochromacy



Original Color

56.8875, 54.4366, 79.4605

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

54.4964, 55.4170, 67.4988

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.8875, 54.4366, 79.4605 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(205, 188, 226)` looks like.

```
.text, #text, p{  
    color:rgb(205, 188, 226)  
}
```

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(205, 188, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 188, 226) }
```

Border

The CSS property to change the border of an element to XYZ 56.8875, 54.4366, 79.4605 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(205, 188, 226) }
```


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

```
.border{ border-color:rgb(205, 188, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 188, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 188, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 188, 226);  
box-shadow:4px 4px 4px 4px rgb(205, 188,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 56.8875, 54.4366, 79.4605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 188, 226) }
```

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

```
.background{ background-color: rgb(205,  
188, 226) }
```

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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