

Converting Colors

XYZ(56.6265, 56.6132, 80.2284)

Have a look what the booklet for
XYZ(56.6265, 56.6132, 80.2284)
contains.

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Color

**XYZ(56.5313, 56.5270,
79.8828)**

Conversions

Conversions Part 1

Format	Color
Hex	C6C3E2
RGB	198, 195, 226
RGB Percent	78%, 76%, 89%
CMY	0.2235, 0.2353, 0.1137
CMYK	0.12, 0.14, 0.00, 0.11
HSL	246°, 35%, 83%
HSV	246°, 14%, 89%
XYZ	56.5313, 56.5270, 79.8828
YIQ	199.4310, -8.1630, 10.2770

Conversions

Conversions Part 2

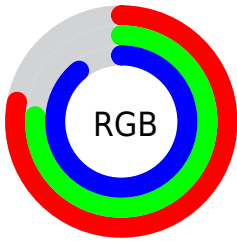
Format	Color
R_{YB}	198, 195, 226
Decimal	13026274
CIE _{Lab}	79.91, 7.07, -15.02
CIE _{LCh}	80, 16.597, 295.215
Yxy	56.5270, 0.2930, 0.2930
Android (android.graphics.Color)	4291216354 (0xFFC6C3E2)
YUV	199.4310, 13.0985, -1.2550
Hunter-Lab	75.1844, 2.6417, -10.3660

Details

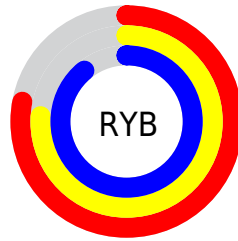
The XYZ color **56.5313, 56.5270, 79.8828** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **67.4801, 74.0223, 62.3636**, and the grayscale version is **54.4773, 57.3144, 62.4154**.

A 20% lighter version of the original color is **94.1004, 98.1008, 108.5835**, and **28.3772, 27.9193, 42.4214** is the 20% darker color. If you saturate the color by 10%, you get **46.8228, 44.5665, 78.0868**, and if you desaturate by 10%, it is **67.7349, 70.3988, 81.9707**.

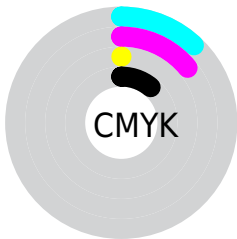
Distribution



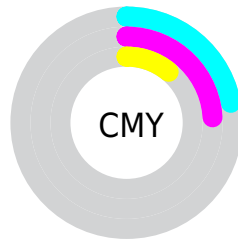
- Red (78%)
- Green (76%)
- Blue (89%)



- Red (78%)
- Yellow (76%)
- Blue (89%)



- Cyan (12%)
- Magenta (14%)
- Yellow (0%)
- Black (11%)



- Cyan (22%)
- Magenta (24%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.5313, 56.5270, 79.8828 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 56.5313, 56.5270, 79.8828 by changing the saturation by 10% instead.

■ 56.5313, 56.5270,
79.8828

■ 56.5313, 56.5270,
79.8828

401.7333,
411.6745, 514.2341

■ 40.8677, 40.6256,
59.0963

■ 98.9163, 99.7747,
135.0109

■ 28.4030, 28.0267,
42.2701

126.3684,
127.8898, 170.1895

■ 18.7716, 18.3458,
28.9857

158.4807,
160.8449, 211.0026

■ 11.6084, 11.1985,
18.8245

195.6187,
199.0244, 257.8687

■ 6.5479, 6.2005,
11.3680

238.1475,
242.8127, 311.2064

■ 3.2248, 2.9674,
6.1977

286.4327,

■ 1.2737, 1.1147,

292.5943, 371.4342

2.8949

340.8395,
348.7534, 438.9706

■ 0.1634, 0.0000,
1.0412

■ 0.0000, 0.0000,
0.0000

■ 56.5313, 56.5270,
79.8828

■ 56.5313, 56.5270,
79.8828

■ 46.8228, 44.5665,
78.0868

■ 67.7349, 70.3988,
81.9707

■ 38.5412, 34.4268,
76.5661

■ 80.4877, 86.2533,
84.3588

■ 31.6203, 26.0206,
75.3083

■ 90.7276, 98.2711,
86.1388

■ 25.9872, 19.2503,
74.2984

■ 21.5616, 14.0092,
73.5200

■ 18.2545, 10.1773,
72.9547

■ 15.9641, 7.6171,
72.5812

■ 14.5699, 6.1625,
72.3740

■ 14.0553, 5.6600,
72.3041

Harmonies

Analogous

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



53.1893, 56.5270, 81.9241



56.5313, 56.5270, 79.8828



59.2188, 56.5270, 72.7376

Triad

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



56.5313, 56.5270, 79.8828



57.5040, 56.5270, 47.5482



47.5335, 56.5270, 60.0153

Complementary

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



56.5313, 56.5270, 79.8828



67.4801, 74.0223, 62.3636

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.



48.5861, 56.5270, 51.5697



56.5313, 56.5270, 79.8828



54.2688, 56.5270, 44.8665

Square

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



56.5313, 56.5270, 79.8828



59.7966, 56.5270, 53.9862



51.0174, 56.5270, 46.2586



48.0831, 56.5270, 69.7856

Rectangle

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



56.5313, 56.5270, 79.8828



60.2298, 56.5270, 66.3996



51.0174, 56.5270, 46.2586



47.7104, 56.5270, 56.9392

Sweetspot

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



56.5330, 56.5294, 79.8841



88.5731, 91.9581, 107.6891



62.7340, 70.0929, 82.1752



18.7055, 19.3693, 23.0027



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.



56.5330, 56.5294, 79.8841



71.1042, 70.3423, 104.4376



60.7093, 58.6823, 80.0795



13.0744, 13.3064, 17.2670



8.0630, 3.2519, 41.2511



0.6015, 0.2474, 2.8613

Inverse Universe

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



64.2003, 60.5291, 78.1143



82.7584, 76.4229, 101.7011



63.0374, 71.7320, 62.1557



14.2349, 13.9116, 17.0071



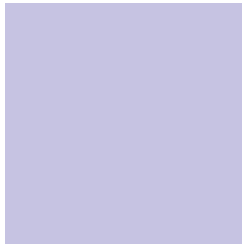
24.1456, 11.7252, 33.7619



1.6905, 0.8195, 2.4288

Previews

White Background



This preview shows how the XYZ color 56.5313, 56.5270, 79.8828 looks on a white background.

Color Contrast Check

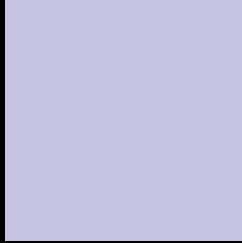
Large Text (above 18pt) WCAG AA × Fail

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 56.5313, 56.5270, 79.8828 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

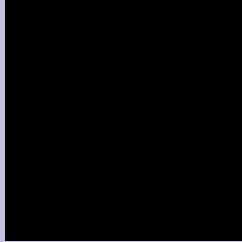
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.5313, 56.5270, 79.8828

Background



This preview shows how black text looks on a background with the XYZ color 56.5313, 56.5270, 79.8828.



This preview shows how white text looks on a background with the XYZ color 56.5313, 56.5270,

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

56.5313, 56.5270, 79.8828

Protanopia

55.5974, 56.3634, 80.6220

Deuteranopia

57.6993, 56.4683, 79.8099



Tritanopia

54.7414, 56.4724, 70.9659

Trichromacy



Original Color

56.5313, 56.5270, 79.8828

Protanomaly

56.1107, 56.6280, 80.6460

Deuteranomaly

57.3764, 56.6311, 79.8583

Tritanomaly

55.4208, 56.4121, 74.2973

Monochromacy



Original Color

56.5313, 56.5270, 79.8828

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

55.2559, 57.1337, 68.4372

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.5313, 56.5270, 79.8828 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, 195, 226)` looks like.

```
.text, #text, p{  
    color:rgb(198, 195, 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(198, 195, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 195, 226) }
```

Border

The CSS property to change the border of an element to XYZ 56.5313, 56.5270, 79.8828 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, 195, 226) }
```


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

```
.border{ border-color:rgb(198, 195, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 195, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 195, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 195, 226);  
box-shadow:4px 4px 4px 4px rgb(198, 195,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 56.5313, 56.5270, 79.8828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 195, 226) }
```

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

```
.background{ background-color: rgb(198,  
195, 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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