

Converting Colors

XYZ(56.6416, 55.8589, 82.6594)

Have a look what the booklet for
XYZ(56.6416, 55.8589, 82.6594)
contains.

XYZ(56.6416, 55.8589, 82.6594)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(56.6416, 55.8589,
82.6594)**

Conversions

Conversions Part 1

Format	Color
Hex	C6C1E6
RGB	198, 193, 230
RGB Percent	78%, 76%, 90%
CMY	0.2235, 0.2431, 0.0980
CMYK	0.14, 0.16, 0.00, 0.10
HSL	248°, 43%, 83%
HSV	248°, 16%, 90%
XYZ	56.6416, 55.8589, 82.6594
YIQ	198.7130, -8.8970, 12.5670

Conversions

Conversions Part 2

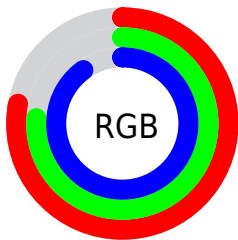
Format	Color
RYB	198, 193, 230
Decimal	13025766
CIELab	79.53, 8.98, -17.74
CIELCh	80, 19.879, 296.852
Yxy	55.8589, 0.2902, 0.2862
Android (android.graphics.Color)	4291215846 (0xFFC6C1E6)
YUV	198.7130, 15.4245, -0.6253
Hunter-Lab	74.7388, 4.4852, -13.2562

Details

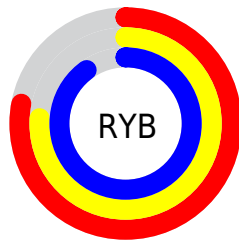
The XYZ color **56.6416, 55.8589, 82.6594** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **68.9757, 76.4529, 61.5762**, and the grayscale version is **54.0249, 56.8384, 61.8970**.

A 20% lighter version of the original color is **93.1657, 96.2314, 108.2719**, and **28.5197, 27.7415, 43.8959** is the 20% darker color. If you saturate the color by 10%, you get **47.0437, 43.9422, 80.8660**, and if you desaturate by 10%, it is **67.7223, 69.7166, 84.7511**.

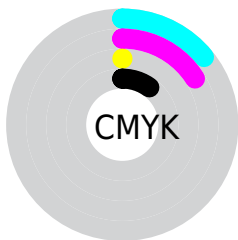
Distribution



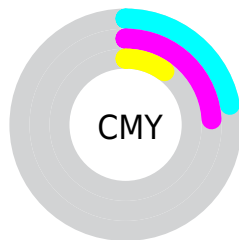
- Red (78%)
- Green (76%)
- Blue (90%)



- Red (78%)
- Yellow (76%)
- Blue (90%)



- Cyan (14%)
- Magenta (16%)
- Yellow (0%)
- Black (10%)



- Cyan (22%)
- Magenta (24%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.6416, 55.8589, 82.6594 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 56.6416, 55.8589, 82.6594 by changing the saturation by 10% instead.

■ 56.6416, 55.8589,
82.6594

■ 56.6416, 55.8589,
82.6594

402.1409,
409.1595, 523.7919

■ 40.9566, 40.0898,
61.3702

■ 99.0764, 98.7982,
138.9433

■ 28.4727, 27.6086,
44.0915

126.5569,
126.7373, 174.7751

■ 18.8245, 18.0308,
30.4048

158.7000,
159.5018, 216.2915

■ 11.6468, 10.9721,
19.8914

195.8710,
197.4761, 263.9111

■ 6.5742, 6.0481,
12.1328

238.4352,
241.0446, 318.0524

■ 3.2412, 2.8743,
6.7105

286.7580,

■ 1.2826, 1.0665,

290.5918, 379.1339

3.2061

341.2048,
346.5019, 447.5743

■ 0.1701, 0.0000,
1.2008

■ 0.0000, 0.0000,
0.0000

■ 56.6416, 55.8589,
82.6594

■ 56.6416, 55.8589,
82.6594

■ 47.0437, 43.9422,
80.8660

■ 67.7223, 69.7166,
84.7511

■ 38.8605, 33.8730,
79.3537

■ 80.3399, 85.5896,
87.1499

■ 32.0259, 25.5604,
78.1095

■ 91.2831, 98.4932,
89.0637

■ 26.4668, 18.9031,
77.1175

■ 22.1028, 13.7892,
76.3604

■ 18.8443, 10.0930,
75.8187

■ 16.5885, 7.6686,
75.4697

■ 15.2121, 6.3372,
75.2852

■ 14.8502, 6.0056,
75.2403

Harmonies

Analogous

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



52.6710, 55.8589, 85.5653



56.6416, 55.8589, 82.6594



59.7938, 55.8589, 73.6745

Triad

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



56.6416, 55.8589, 82.6594



57.4087, 55.8589, 44.1835



45.7787, 55.8589, 59.6194

Complementary

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



56.6416, 55.8589, 82.6594



68.9757, 76.4529, 61.5762

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.



46.9110, 55.8589, 49.5565



56.6416, 55.8589, 82.6594



53.5156, 55.8589, 41.3759

Square

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



56.6416, 55.8589, 82.6594



60.2521, 55.8589, 51.4065



49.6943, 55.8589, 43.2134



46.5232, 55.8589, 71.3197

Rectangle

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



56.6416, 55.8589, 82.6594



60.9374, 55.8589, 65.9689



49.6943, 55.8589, 43.2134



45.9510, 55.8589, 55.9478

Sweetspot

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



56.6433, 55.8612, 82.6606



87.1752, 90.1013, 107.4044



63.2202, 70.9386, 85.2242



18.4307, 18.9988, 22.9457



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.



56.6433, 55.8612, 82.6606



67.7220, 65.7882, 103.7368



61.8019, 58.5206, 82.9021



13.7630, 13.9800, 18.1174



8.4655, 3.4300, 42.5991



0.6838, 0.2835, 3.1506

Inverse Universe

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



65.2956, 60.4016, 79.4540



80.4580, 72.4735, 98.9259



63.5354, 73.6483, 61.3216



14.9070, 14.5800, 17.7104



24.3401, 11.8703, 31.7499



1.8220, 0.8865, 2.4689

Previews

White Background



This preview shows how the XYZ color 56.6416, 55.8589, 82.6594 looks on a white background.

Color Contrast Check

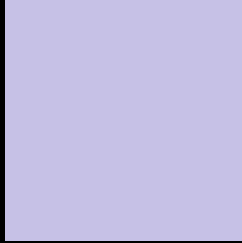
Large Text (above 18pt) WCAG AA × Fail

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 56.6416, 55.8589, 82.6594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

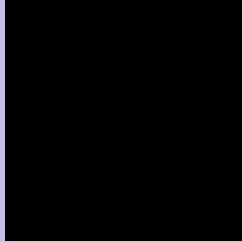
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.6416, 55.8589, 82.6594

Background



This preview shows how black text looks on a background with the XYZ color 56.6416, 55.8589, 82.6594.



This preview shows how white text looks on a background with the XYZ color 56.6416, 55.8589,

82.6594.

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

56.6416, 55.8589, 82.6594

Protanopia

55.3158, 55.8036, 84.1996

Deuteranopia

56.9520, 55.6918, 82.6108



Tritanopia

54.1293, 55.8354, 70.2118

Trichromacy



Original Color

56.6416, 55.8589, 82.6594

Protanomaly

55.7079, 55.6906, 83.4145

Deuteranomaly

56.6858, 55.5546, 82.5984

Tritanomaly

55.0662, 55.8804, 74.9015

Monochromacy



Original Color

56.6416, 55.8589, 82.6594

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

55.1523, 56.7278, 69.0155

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.6416, 55.8589, 82.6594 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, 193, 230)` looks like.

```
.text, #text, p{  
    color:rgb(198, 193, 230)  
}
```

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, 193, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 193, 230) }
```

Border

The CSS property to change the border of an element to XYZ 56.6416, 55.8589, 82.6594 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, 193, 230) }
```


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

```
.border{ border-color:rgb(198, 193, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 193, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 193, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 193, 230);  
box-shadow:4px 4px 4px 4px rgb(198, 193,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 56.6416, 55.8589, 82.6594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 193, 230) }
```

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

```
.background{ background-color: rgb(198,  
193, 230) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor