

Converting Colors

XYZ(58.1011, 55.5254, 82.5218)

Have a look what the booklet for
XYZ(58.1011, 55.5254, 82.5218)
contains.

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Color

**XYZ(58.1500, 55.6619,
82.5419)**

Conversions

Conversions Part 1

Format	Color
Hex	CEBEE6
RGB	206, 190, 230
RGB Percent	81%, 75%, 90%
CMY	0.1921, 0.2549, 0.0980
CMYK	0.10, 0.17, 0.00, 0.10
HSL	264°, 44%, 82%
HSV	264°, 17%, 90%
XYZ	58.1500, 55.6619, 82.5419
YIQ	199.3440, -3.3040, 15.8320

Conversions

Conversions Part 2

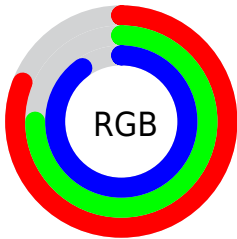
Format	Color
R _Y B	206, 190, 230
Decimal	13549286
CIE Lab	79.42, 13.17, -17.84
CIE LCh	79, 22.175, 306.423
Yxy	55.6619, 0.2961, 0.2835
Android (android.graphics.Color)	4291739366 (0xFFCEBEE6)
YUV	199.3440, 15.1134, 5.8373
Hunter-Lab	74.6069, 8.5641, -13.3711

Details

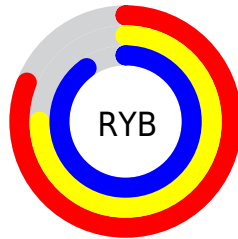
The XYZ color **58.1500, 55.6619, 82.5419** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **65.3246, 74.6089, 59.6758**, and the grayscale version is **54.4099, 57.2435, 62.3381**.

A 20% lighter version of the original color is **92.2458, 94.3915, 107.9653**, and **29.3481, 27.5266, 43.8108** is the 20% darker color. If you saturate the color by 10%, you get **49.8919, 44.5851, 80.8400**, and if you desaturate by 10%, it is **67.5341, 68.4890, 84.5241**.

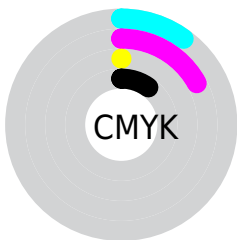
Distribution



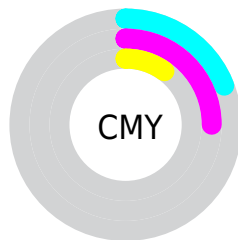
- Red (81%)
- Green (75%)
- Blue (90%)



- Red (81%)
- Yellow (75%)
- Blue (90%)



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



- Cyan (19%)
- Magenta (25%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.1500, 55.6619, 82.5419 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 58.1500, 55.6619, 82.5419 by changing the saturation by 10% instead.

■ 58.1500, 55.6619,
82.5419

■ 58.1500, 55.6619,
82.5419

407.6895,
408.4161, 523.3895

■ 42.1730, 39.9319,
61.2739

■ 101.2630, 98.5101,
138.7772

■ 29.4285, 27.4855,
44.0143

129.1296,
126.3970, 174.5815

■ 19.5511, 17.9382,
30.3444

161.6902,
159.1051, 216.0684

■ 12.1755, 10.9056,
19.8459

199.3101,
197.0187, 263.6563

■ 6.9364, 6.0034,
12.1001

242.3546,
240.5222, 317.7638

■ 3.4683, 2.8471,
6.6885

291.1891,

■ 1.4060, 1.0525,

290.0000, 378.8095

3.1926

346.1789,
345.8365, 447.2119

■ 0.2605, 0.0000,
1.1938

■ 0.0000, 0.0000,
0.0000

■ 58.1500, 55.6619,
82.5419

■ 58.1500, 55.6619,
82.5419

■ 49.8919, 44.5851,
80.8400

■ 67.5341, 68.4890,
84.5241

■ 42.7092, 35.1735,
79.4019

■ 78.0816, 83.1323,
86.7946

■ 36.5549, 27.3455,
78.2153

■ 88.5436, 97.0810,
88.9355

■ 31.3764, 21.0095,
77.2653

■ 91.2831, 98.4932,
89.0637

■ 27.1157, 16.0642,
76.5353

■ 23.7079, 12.3951,
76.0067

■ 21.0781, 9.8686,
75.6577

■ 19.1297, 8.3085,
75.4592

■ 18.6961, 7.9882,
75.4203

Harmonies

Analogous

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



53.8680, 55.6619, 88.3667



58.1500, 55.6619, 82.5419



61.1416, 55.6619, 70.9466

Triad

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



58.1500, 55.6619, 82.5419



56.4020, 55.6619, 40.8058



44.8491, 55.6619, 63.3893

Complementary

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



58.1500, 55.6619, 82.5419



65.3246, 74.6089, 59.6758

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.



45.4434, 55.6619, 51.3230



58.1500, 55.6619, 82.5419



51.9535, 55.6619, 39.3696

Square

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



58.1500, 55.6619, 82.5419



60.0935, 55.6619, 47.1891



47.9852, 55.6619, 42.9482



46.3139, 55.6619, 76.3525

Rectangle

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



58.1500, 55.6619, 82.5419



61.9131, 55.6619, 62.1483



47.9852, 55.6619, 42.9482



44.8159, 55.6619, 59.0901

Sweetspot

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



58.1517, 55.6642, 82.5431



88.3578, 90.7110, 107.4598



59.7357, 65.0935, 84.2797



18.7174, 19.1466, 22.9591



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.



58.1517, 55.6642, 82.5431



69.4326, 64.8705, 103.4695



63.8534, 58.6036, 82.8100



14.1257, 14.1670, 18.1343



10.7138, 4.5890, 42.7043



0.8942, 0.3920, 3.1605

Inverse Universe

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



63.1860, 58.5073, 71.5836



77.0229, 69.1599, 86.8168



60.0126, 71.8705, 59.4272



14.7383, 14.5125, 16.8221



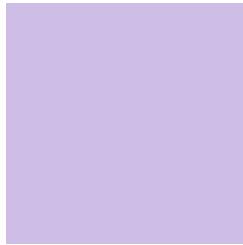
21.1344, 10.5880, 14.8688



1.6073, 0.8006, 1.3388

Previews

White Background



This preview shows how the XYZ color 58.1500, 55.6619, 82.5419 looks on a white background.

Color Contrast Check

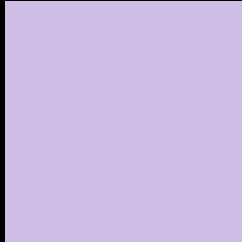
Large Text (above 18pt) WCAG AA × Fail

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 58.1500, 55.6619, 82.5419 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

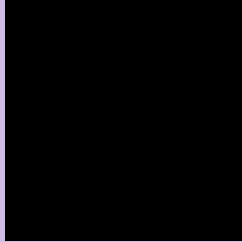
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.1500, 55.6619, 82.5419

Background



This preview shows how black text looks on a background with the XYZ color 58.1500, 55.6619, 82.5419.



This preview shows how white text looks on a background with the XYZ color 58.1500, 55.6619,

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

58.1500, 55.6619, 82.5419

Protanopia

55.2094, 55.7322, 84.9383

Deuteranopia

56.9520, 55.6918, 82.6108



Tritanopia

55.4290, 55.8835, 68.1868

Trichromacy



Original Color

58.1500, 55.6619, 82.5419

Protanomaly

56.1411, 55.5682, 84.1107

Deuteranomaly

57.2709, 55.5313, 82.5630

Tritanomaly

56.4962, 55.9871, 73.4746

Monochromacy



Original Color

58.1500, 55.6619, 82.5419

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

55.7299, 56.6896, 68.9777

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.1500, 55.6619, 82.5419 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(206, 190, 230)` looks like.

```
.text, #text, p{  
    color:rgb(206, 190, 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(206, 190, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 190, 230) }
```

Border

The CSS property to change the border of an element to XYZ 58.1500, 55.6619, 82.5419 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(206, 190, 230) }
```


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

```
.border{ border-color:rgb(206, 190, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 190, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 190, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 190, 230);  
box-shadow:4px 4px 4px 4px rgb(206, 190,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 58.1500, 55.6619, 82.5419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 190, 230) }
```

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

```
.background{ background-color: rgb(206,  
190, 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](#).

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