

Converting Colors

XYZ(57.9689, 55.8241, 80.3572)

Have a look what the booklet for
XYZ(57.9689, 55.8241, 80.3572)
contains.

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Color

**XYZ(57.9495, 55.9295,
80.4142)**

Conversions

Conversions Part 1

Format	Color
Hex	CEBF E3
RGB	206, 191, 227
RGB Percent	81%, 75%, 89%
CMY	0.1922, 0.2510, 0.1098
CMYK	0.09, 0.16, 0.00, 0.11
HSL	265°, 39%, 82%
HSV	265°, 16%, 89%
XYZ	57.9495, 55.9295, 80.4142
YIQ	199.5890, -2.6160, 14.3760

Conversions

Conversions Part 2

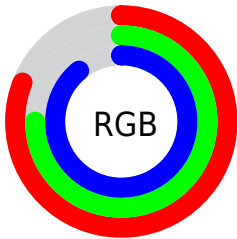
Format	Color
R_{YB}	206, 191, 227
Decimal	13549539
CIE _{Lab}	79.57, 12.02, -16.00
CIE _{LCh}	80, 20.011, 306.916
Yxy	55.9295, 0.2983, 0.2879
Android (android.graphics.Color)	4291739619 (0xFFCEBFE3)
YUV	199.5890, 13.5136, 5.6224
Hunter-Lab	74.7860, 7.4389, -11.4018

Details

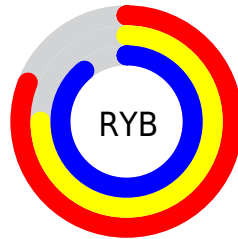
The XYZ color **57.9495, 55.9295, 80.4142** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **64.0265, 72.6983, 59.9506**, and the grayscale version is **54.5693, 57.4111, 62.5207**.

A 20% lighter version of the original color is **92.5508, 95.0015, 108.0669**, and **29.4838, 27.8309, 42.8477** is the 20% darker color. If you saturate the color by 10%, you get **49.8552, 44.9698, 78.7263**, and if you desaturate by 10%, it is **67.1242, 68.5880, 82.3748**.

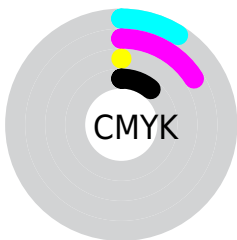
Distribution



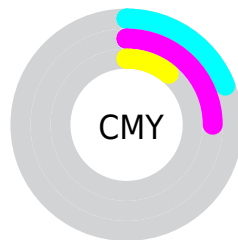
- Red (81%)
- Green (75%)
- Blue (89%)



- Red (81%)
- Yellow (75%)
- Blue (89%)



- Cyan (9%)
- Magenta (16%)
- Yellow (0%)
- Black (11%)



- Cyan (19%)
- Magenta (25%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.9495, 55.9295, 80.4142 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 57.9495, 55.9295, 80.4142 by changing the saturation by 10% instead.

■ 57.9495, 55.9295,
80.4142

■ 57.9495, 55.9295,
80.4142

406.9546,
409.4258, 516.0712

■ 42.0112, 40.1464,
59.5311

■ 100.9727, 98.9015,
135.7646

■ 29.3012, 27.6527,
42.6180

128.7883,
126.8592, 171.0689

■ 19.4542, 18.0640,
29.2563

161.2936,
159.6438, 212.0174

■ 12.1049, 10.9960,
19.0276

198.8541,
197.6399, 259.0286

■ 6.8879, 6.0641,
11.5132

241.8351,
241.2317, 312.5210

■ 3.4378, 2.8841,
6.2946

290.6020,

■ 1.3893, 1.0715,

290.8037, 372.9132

2.9534

345.5200,
346.7402, 440.6238

■ 0.2486, 0.0000,
1.0709

■ 0.0000, 0.0000,
0.0000

■ 57.9495, 55.9295,
80.4142

■ 57.9495, 55.9295,
80.4142

■ 49.8552, 44.9698,
78.7263

■ 67.1242, 68.5880,
82.3748

■ 42.7933, 35.6275,
77.2952

■ 77.4146, 83.0080,
84.6158

■ 36.7197, 27.8249,
76.1093

■ 87.5366, 96.6101,
86.7078

■ 31.5848, 21.4750,
75.1543

■ 90.8653, 98.3261,
86.8636

■ 27.3341, 16.4818,
74.4145

■ 23.9070, 12.7371,
73.8723

■ 21.2337, 10.1156,
73.5072

■ 19.2295, 8.4630,
73.2939

■ 18.5405, 7.9563,
73.2324

Harmonies

Analogous

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



54.0976, 55.9295, 85.6847



57.9495, 55.9295, 80.4142



60.6091, 55.9295, 70.0174

Triad

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



57.9495, 55.9295, 80.4142



56.2549, 55.9295, 42.6830



45.8337, 55.9295, 63.6085

Complementary

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



57.9495, 55.9295, 80.4142



64.0265, 72.6983, 59.9506

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.



46.3465, 55.9295, 52.6065



57.9495, 55.9295, 80.4142



52.2319, 55.9295, 41.4213

Square

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



57.9495, 55.9295, 80.4142



59.5967, 55.9295, 48.5200



48.6407, 55.9295, 44.8258



47.2030, 55.9295, 75.2195

Rectangle

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



57.9495, 55.9295, 80.4142



61.2763, 55.9295, 62.0992



48.6407, 55.9295, 44.8258



45.7928, 55.9295, 59.7119

Sweetspot

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



57.9512, 55.9319, 80.4154



88.4329, 90.7497, 107.4633



59.0468, 64.0119, 81.9173



18.7356, 19.1560, 22.9599



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.



57.9512, 55.9319, 80.4154



71.8491, 67.9158, 103.9299



63.0524, 58.5616, 80.6542



14.1489, 14.1790, 18.1354



10.9386, 4.7049, 42.7148



0.9121, 0.4012, 3.1613

Inverse Universe

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



62.1950, 58.3484, 70.2745



78.4126, 71.6553, 88.1550



59.2775, 70.2501, 59.7283



14.7278, 14.5083, 16.7672



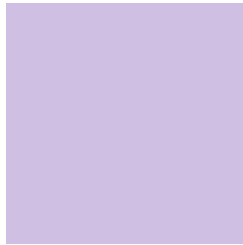
20.9805, 10.5264, 14.0581



1.5964, 0.7963, 1.2813

Previews

White Background



This preview shows how the XYZ color 57.9495, 55.9295, 80.4142 looks on a white background.

Color Contrast Check

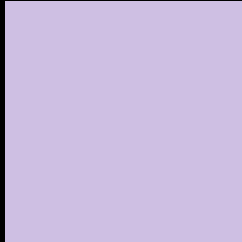
Large Text (above 18pt) WCAG AA × Fail

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 57.9495, 55.9295, 80.4142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

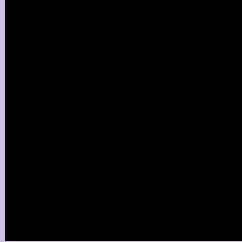
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.9495, 55.9295, 80.4142

Background



This preview shows how black text looks on a background with the XYZ color 57.9495, 55.9295, 80.4142.



This preview shows how white text looks on a background with the XYZ color 57.9495, 55.9295,

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

57.9495, 55.9295, 80.4142

Protanopia

55.5087, 56.2694, 82.7984

Deuteranopia

57.0719, 55.8019, 80.4359



Tritanopia

55.4290, 55.8835, 68.1868

Trichromacy



Original Color

57.9495, 55.9295, 80.4142

Protanomaly

56.1996, 55.9765, 81.9712

Deuteranomaly

57.3434, 55.9418, 80.4486

Tritanomaly

56.3665, 55.9352, 72.7915

Monochromacy



Original Color

57.9495, 55.9295, 80.4142

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

55.9562, 57.1422, 69.0531

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9495, 55.9295, 80.4142 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, 191, 227)` looks like.

```
.text, #text, p{  
    color:rgb(206, 191, 227)  
}
```

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, 191, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 191, 227) }
```

Border

The CSS property to change the border of an element to XYZ 57.9495, 55.9295, 80.4142 is called "border". The border property can be set on classes, ids or directly on the HTML element.

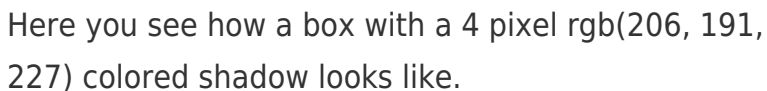
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(206, 191, 227) }
```


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

```
.border{ border-color:rgb(206, 191, 227) }
```

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



Here you see how a box with a 4 pixel `rgb(206, 191, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 191, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 191, 227);  
box-shadow:4px 4px 4px 4px rgb(206, 191,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9495, 55.9295, 80.4142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 191, 227) }
```

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

```
.background{ background-color: rgb(206,  
191, 227) }
```

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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