

Converting Colors

XYZ(60.0259, 56.2856, 98.1430)

Have a look what the booklet for
XYZ(60.0259, 56.2856, 98.1430)
contains.

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Color

**XYZ(60.0259, 56.2856,
98.1430)**

Conversions

Conversions Part 1

Format	Color
Hex	CABEFA
RGB	202, 190, 250
RGB Percent	79%, 75%, 98%
CMY	0.2078, 0.2549, 0.0196
CMYK	0.19, 0.24, 0.00, 0.02
HSL	252°, 86%, 86%
HSV	252°, 24%, 98%
XYZ	60.0259, 56.2856, 98.1430
YIQ	200.4280, -12.1080, 21.2040

Conversions

Conversions Part 2

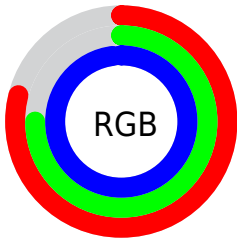
Format	Color
RYB	202, 190, 250
Decimal	13287162
CIELab	79.78, 16.15, -28.06
CIElCh	80, 32.380, 299.922
Yxy	56.2856, 0.2799, 0.2625
Android (android.graphics.Color)	4291477242 (0xFFCABEFA)
YUV	200.4280, 24.4390, 1.3786
Hunter-Lab	75.0237, 11.5249, -25.0442

Details

The XYZ color **60.0259, 56.2856, 98.1430** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **78.7415, 90.2675, 61.9909**, and the grayscale version is **55.0244, 57.8899, 63.0421**.

A 20% lighter version of the original color is **92.2458, 94.3915, 107.9653**, and **30.6039, 27.9446, 54.2329** is the 20% darker color. If you saturate the color by 10%, you get **50.0033, 43.7593, 96.2544**, and if you desaturate by 10%, it is **71.6822, 71.0354, 100.3766**.

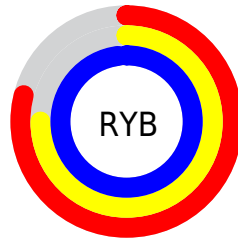
Distribution



Red (79%)

Green (75%)

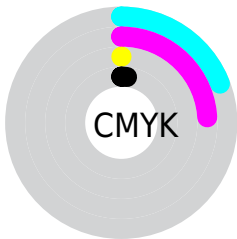
Blue (98%)



Red (79%)

Yellow (75%)

Blue (98%)

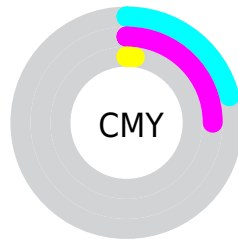


Cyan (19%)

Magenta (24%)

Yellow (0%)

Black (2%)



Cyan (21%)

Magenta (25%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.0259, 56.2856, 98.1430 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 60.0259, 56.2856, 98.1430 by changing the saturation by 10% instead.

60.0259, 56.2856,
98.1430

60.0259, 56.2856,
98.1430

414.5264,
410.7669, 575.4181

43.6891, 40.4320,
74.1424

103.9734, 99.4220,
160.6324

30.6230, 27.8755,
54.4131

132.3147,
127.4736, 199.9583

20.4623, 18.2318,
38.5366

165.3882,
160.3599, 245.2297

12.8418, 11.1166,
26.0944

203.5593,
198.4654, 296.8652

7.3959, 6.1453,
16.6678

247.1933,
242.1745, 355.2832

3.7594, 2.9336,
9.8385

296.6556,

1.5670, 1.0972,

291.8715, 420.9023

5.1878

352.3115,
347.9408, 494.1411

■ 0.3707, 0.0000,
2.2972

■ 0.0000, 0.0000,
0.7297

■ 60.0259, 56.2856,
98.1430

■ 60.0259, 56.2856,
98.1430

■ 50.0033, 43.7593,
96.2544

■ 71.6822, 71.0354,
100.3766

■ 41.5348, 33.3411,
94.6898

■ 85.0361, 88.1029,
102.9671

■ 34.5422, 24.9154,
93.4320

■ 94.2555, 99.6822,
104.7162

■ 28.9381, 18.3528,
92.4607

■ 24.6255, 13.5080,
91.7528

■ 21.4940, 10.2138,
91.2820

■ 19.4129, 8.2680,
91.0161

■ 18.5707, 7.5802,
90.9278

Harmonies

Analogous

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



53.4806, 56.2856, 104.8686



60.0259, 56.2856, 98.1430



65.1470, 56.2856, 81.1878

Triad

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



60.0259, 56.2856, 98.1430



60.0580, 56.2856, 35.0825



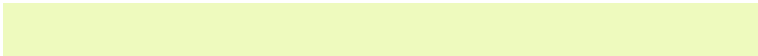
41.8711, 56.2856, 61.2363

Complementary

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



60.0259, 56.2856, 98.1430



78.7415, 90.2675, 61.9909

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.



43.3272, 56.2856, 44.9344



60.0259, 56.2856, 98.1430



53.5150, 56.2856, 31.8409

Square

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



60.0259, 56.2856, 98.1430



65.1666, 56.2856, 45.0038



47.4610, 56.2856, 35.0486



43.3123, 56.2856, 81.0851

Rectangle

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



60.0259, 56.2856, 98.1430



66.8736, 56.2856, 67.8132



47.4610, 56.2856, 35.0486



42.0362, 56.2856, 55.1907

Sweetspot

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



60.0277, 56.2879, 98.1443



84.5576, 86.5268, 106.8524



69.3588, 79.5839, 102.1491



17.9142, 18.2840, 22.8349



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.



60.0277, 56.2879, 98.1443



57.3071, 52.0022, 101.6248



68.6256, 60.7203, 98.5466



16.6071, 16.8101, 21.7547



9.9424, 4.0682, 48.2348



1.0027, 0.4190, 4.4712

Inverse Universe

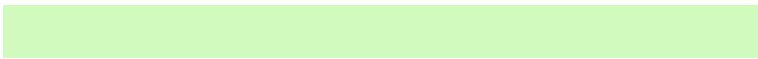
The Inverse Universe completely reimagines the original color for something new.



73.2722, 63.3262, 89.2524



73.5336, 60.6319, 90.4302



69.7761, 85.6456, 61.5713



17.8355, 17.4616, 20.9897



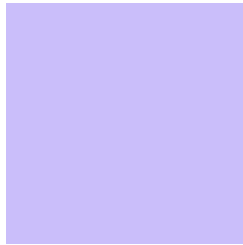
26.4948, 13.0137, 30.3780



2.4904, 1.2199, 3.0056

Previews

White Background



This preview shows how the XYZ color 60.0259, 56.2856, 98.1430 looks on a white background.

Color Contrast Check

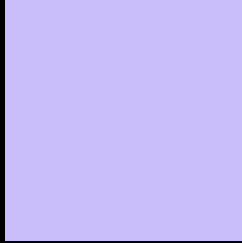
Large Text (above 18pt) WCAG AA × Fail

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 60.0259, 56.2856, 98.1430 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 60.0259, 56.2856, 98.1430

Background



This preview shows how black text looks on a background with the XYZ color 60.0259, 56.2856, 98.1430.



This preview shows how white text looks on a background with the XYZ color 60.0259, 56.2856,

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

60.0259, 56.2856, 98.1430

Protanopia

57.1578, 56.7029, 101.6981

Deuteranopia

57.6259, 56.3703, 97.4659



Tritanopia

54.3556, 56.2881, 70.2872

Trichromacy



Original Color

60.0259, 56.2856, 98.1430

Protanomaly

58.2566, 56.6226, 100.7873

Deuteranomaly

58.4170, 56.4488, 97.4393

Tritanomaly

56.3080, 56.0803, 79.8083

Monochromacy



Original Color

60.0259, 56.2856, 98.1430

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

56.4822, 56.9593, 74.3470

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.0259, 56.2856, 98.1430 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(202, 190, 250)` looks like.

```
.text, #text, p{  
    color:rgb(202, 190, 250)  
}
```

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(202, 190, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 190, 250) }
```

Border

The CSS property to change the border of an element to XYZ 60.0259, 56.2856, 98.1430 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(202, 190, 250) }
```


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

```
.border{ border-color:rgb(202, 190, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 190, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 190, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 190, 250);  
box-shadow:4px 4px 4px 4px rgb(202, 190,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 60.0259, 56.2856, 98.1430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 190, 250) }
```

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

```
.background{ background-color: rgb(202,  
190, 250) }
```

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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