

Converting Colors

XYZ(60.4598, 56.9168, 79.7510)

Have a look what the booklet for
XYZ(60.4598, 56.9168, 79.7510)
contains.

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Color

**XYZ(60.4598, 56.9168,
79.7510)**

Conversions

Conversions Part 1

Format	Color
Hex	D8BEE2
RGB	216, 190, 226
RGB Percent	85%, 75%, 89%
CMY	0.1529, 0.2549, 0.1137
CMYK	0.04, 0.16, 0.00, 0.11
HSL	283°, 38%, 82%
HSV	283°, 16%, 89%
XYZ	60.4598, 56.9168, 79.7510
YIQ	201.8780, 3.9400, 16.7080

Conversions

Conversions Part 2

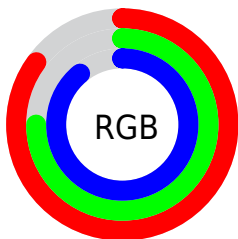
Format	Color
R _Y B	216, 190, 226
Decimal	14204642
CIE Lab	80.13, 15.65, -14.54
CIE LCh	80, 21.357, 317.103
Yxy	56.9168, 0.3067, 0.2887
Android (android.graphics.Color)	4292394722 (0xFFD8BEE2)
YUV	201.8780, 11.8921, 12.3850
Hunter-Lab	75.4432, 11.0233, -9.8652

Details

The XYZ color **60.4598, 56.9168, 79.7510** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **60.3121, 70.3913, 59.1261**, and the grayscale version is **55.9909, 58.9068, 64.1495**.

A 20% lighter version of the original color is **92.2458, 94.3915, 107.9653**, and **30.9943, 28.4087, 42.3779** is the 20% darker color. If you saturate the color by 10%, you get **54.1203, 46.9381, 78.1599**, and if you desaturate by 10%, it is **67.6326, 68.4549, 81.6009**.

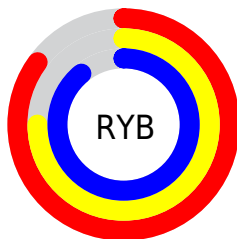
Distribution



Red (85%)

Green (75%)

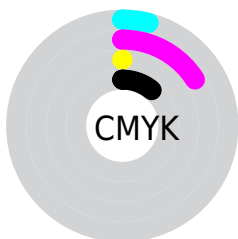
Blue (89%)



Red (85%)

Yellow (75%)

Blue (89%)

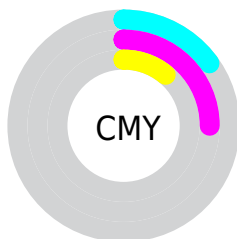


Cyan (4%)

Magenta (16%)

Yellow (0%)

Black (11%)



Cyan (15%)

Magenta (25%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.4598, 56.9168, 79.7510 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 60.4598, 56.9168, 79.7510 by changing the saturation by 10% instead.

60.4598, 56.9168,
79.7510

60.4598, 56.9168,
79.7510

416.0981,
413.1375, 513.7779

44.0402, 40.9384,
58.9885

104.5989,
100.3438, 134.8238

30.9002, 28.2710,
42.1839

133.0492,
128.5612, 169.9712

20.6743, 18.5300,
28.9187

166.2404,
161.6271, 210.7507

12.9972, 11.3312,
18.7743

204.5379,
199.9258, 257.5808

7.5036, 6.2901,
11.3321

248.3071,
243.8419, 310.8800

3.8281, 3.0222,
6.1737

297.9133,

1.6054, 1.1434,

293.7595, 371.0669

2.8805

353.7219,
350.0633, 438.5600

■ 0.3959, 0.0147,
1.0339

■ 0.0000, 0.0000,
0.0000

■ 60.4598, 56.9168,
79.7510

■ 60.4598, 56.9168,
79.7510

■ 54.1203, 46.9381,
78.1599

■ 67.6326, 68.4549,
81.6009

■ 48.5732, 38.4413,
76.8122

■ 75.6670, 81.6106,
83.7167

■ 43.7820, 31.3533,
75.6966

■ 83.6945, 94.6454,
85.8096

■ 39.7048, 25.5916,
74.7994

■ 85.8024, 95.7320,
85.9082

■ 36.2956, 21.0653,
74.1054

■ 87.9840, 96.8567,
86.0103

■ 33.5021, 17.6715,
73.5976

■ 90.2403, 98.0198,
86.1159

■ 31.2640, 15.2903,
73.2559

■ 90.7276, 98.2711,
86.1387

■ 29.5065, 13.7736,
73.0558

■ 28.8768, 13.3007,
72.9977

Harmonies

Analogous

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



56.5952, 56.9168, 87.8047



60.4598, 56.9168, 79.7510



62.6679, 56.9168, 67.4748

Triad

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



60.4598, 56.9168, 79.7510



55.9862, 56.9168, 41.4314



46.4903, 56.9168, 69.2883

Complementary

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



60.4598, 56.9168, 79.7510



60.3121, 70.3913, 59.1261

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.



46.3468, 56.9168, 56.7781



60.4598, 56.9168, 79.7510



51.6748, 56.9168, 41.7803

Square

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



60.4598, 56.9168, 79.7510



59.9935, 56.9168, 46.0276



48.1984, 56.9168, 47.0548



48.6014, 56.9168, 81.2310

Rectangle

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



60.4598, 56.9168, 79.7510



62.8300, 56.9168, 59.0574



48.1984, 56.9168, 47.0548



46.2145, 56.9168, 64.9824

Sweetspot

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



60.4615, 56.9192, 79.7522



89.8255, 91.4676, 107.5284



55.6656, 57.8419, 80.1831



19.0742, 19.3305, 22.9758



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.



60.4615, 56.9192, 79.7522



76.7145, 70.4240, 104.1576



62.4603, 58.0705, 74.3851



13.9044, 13.7343, 17.3058



16.5946, 7.6502, 41.6504



1.2357, 0.5743, 2.8910

Inverse Universe

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



60.2048, 57.1683, 62.5078



76.3634, 70.8357, 77.3644



58.6036, 69.4093, 63.6163



13.8629, 13.7628, 15.0483



18.4450, 9.4450, 3.7432



1.3159, 0.6696, 0.4564

Previews

White Background



This preview shows how the XYZ color 60.4598, 56.9168, 79.7510 looks on a white background.

Color Contrast Check

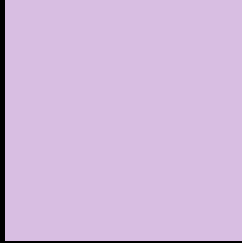
Large Text (above 18pt) WCAG AA × Fail

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 60.4598, 56.9168, 79.7510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

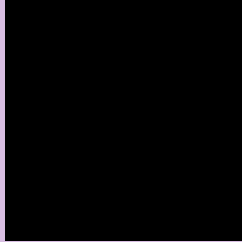
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.4598, 56.9168, 79.7510

Background



This preview shows how black text looks on a background with the XYZ color 60.4598, 56.9168, 79.7510.



This preview shows how white text looks on a background with the XYZ color 60.4598, 56.9168,

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

60.4598, 56.9168, 79.7510

Protanopia

56.3824, 57.0395, 83.6394

Deuteranopia

58.3360, 57.1416, 79.1890



Tritanopia

57.8957, 56.8401, 67.5943

Trichromacy



Original Color

60.4598, 56.9168, 79.7510

Protanomaly

57.5220, 56.6582, 82.0331

Deuteranomaly

59.2389, 57.2778, 79.1677

Tritanomaly

58.8469, 56.9017, 72.1715

Monochromacy



Original Color

60.4598, 56.9168, 79.7510

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

57.6841, 58.3567, 69.8517

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.4598, 56.9168, 79.7510 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(216, 190, 226)` looks like.

```
.text, #text, p{  
    color:rgb(216, 190, 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(216, 190, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 190, 226) }
```

Border

The CSS property to change the border of an element to XYZ 60.4598, 56.9168, 79.7510 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(216, 190, 226) }
```


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

```
.border{ border-color:rgb(216, 190, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 190, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 190, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 190, 226);  
box-shadow:4px 4px 4px 4px rgb(216, 190,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 60.4598, 56.9168, 79.7510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 190, 226) }
```

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

```
.background{ background-color: rgb(216,  
190, 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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