

Converting Colors

XYZ(60.5949, 57.9840, 78.8055)

Have a look what the booklet for
XYZ(60.5949, 57.9840, 78.8055)
contains.

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Color

**XYZ(60.5488, 57.9688,
78.5188)**

Conversions

Conversions Part 1

Format	Color
Hex	D7C1E0
RGB	215, 193, 224
RGB Percent	84%, 76%, 88%
CMY	0.1569, 0.2431, 0.1216
CMYK	0.04, 0.14, 0.00, 0.12
HSL	283°, 33%, 82%
HSV	283°, 14%, 88%
XYZ	60.5488, 57.9688, 78.5188
YIQ	203.1120, 3.1610, 14.3050

Conversions

Conversions Part 2

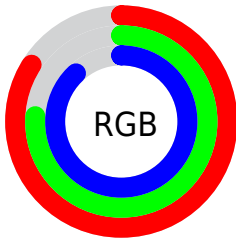
Format	Color
R _Y B	215, 193, 224
Decimal	14139872
CIE Lab	80.72, 13.32, -12.59
CIE LCh	81, 18.327, 316.614
Yxy	57.9688, 0.3073, 0.2942
Android (android.graphics.Color)	4292329952 (0xFFD7C1E0)
YUV	203.1120, 10.2978, 10.4258
Hunter-Lab	76.1372, 8.7135, -7.8485

Details

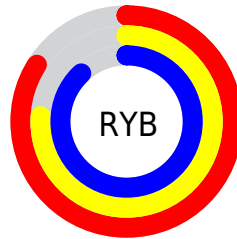
The XYZ color **60.5488, 57.9688, 78.5188** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **60.6405, 69.7196, 60.7161**, and the grayscale version is **56.7725, 59.7291, 65.0450**.

A 20% lighter version of the original color is **93.1657, 96.2314, 108.2719**, and **30.8913, 28.8034, 41.4676** is the 20% darker color. If you saturate the color by 10%, you get **54.0957, 47.8408, 76.9049**, and if you desaturate by 10%, it is **67.8313, 69.6409, 80.3888**.

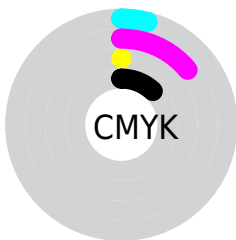
Distribution



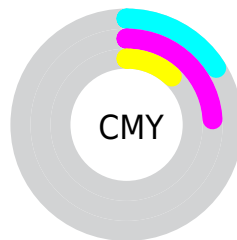
- Red (84%)
- Green (76%)
- Blue (88%)



- Red (84%)
- Yellow (76%)
- Blue (88%)



- Cyan (4%)
- Magenta (14%)
- Yellow (0%)
- Black (12%)



- Cyan (16%)
- Magenta (24%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.5488, 57.9688, 78.5188 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 60.5488, 57.9688, 78.5188 by changing the saturation by 10% instead.

60.5488, 57.9688,
78.5188

60.5488, 57.9688,
78.5188

416.4201,
417.0697, 509.5015

44.1123, 41.7836,
57.9813

104.7272,
101.8774, 133.0737

30.9571, 28.9319,
41.3790

133.1998,
130.3696, 167.9282

20.7178, 19.0293,
28.2934

166.4151,
163.7329, 208.3921

13.0292, 11.6914,
18.3060

204.7385,
202.3517, 254.8839

7.5258, 6.5339,
10.9982

248.5353,
246.6103, 307.8222

3.8423, 3.1724,
5.9515

298.1710,

1.6133, 1.2224,

296.8933, 367.6256

2.7473

354.0108,
353.5849, 434.7125

■ 0.4011, 0.0799,
0.9671

■ 0.0000, 0.0000,
0.0000

■ 60.5488, 57.9688,
78.5188

■ 60.5488, 57.9688,
78.5188

■ 54.0957, 47.8408,
76.9049

■ 67.8313, 69.6409,
80.3888

■ 48.4322, 39.1817,
75.5320

■ 75.9703, 82.9130,
82.5216

■ 43.5231, 31.9212,
74.3893

■ 83.3150, 94.4812,
84.3674

■ 39.3282, 25.9801,
73.4637

■ 85.4960, 95.6056,
84.4694

■ 35.8030, 21.2713,
72.7406

■ 87.7563, 96.7708,
84.5752

■ 32.8981, 17.6969,
72.2038

■ 90.0966, 97.9773,
84.6848

■ 30.5561, 15.1437,
71.8344

■ 90.4547, 98.1619,
84.7015

■ 28.7075, 13.4742,
71.6096

■ 27.7455, 12.7491,
71.5203

Harmonies

Analogous

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



57.2014, 57.9688, 85.2330



60.5488, 57.9688, 78.5188



62.4730, 57.9688, 68.0593

Triad

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



60.5488, 57.9688, 78.5188



56.7969, 57.9688, 44.9609



48.4239, 57.9688, 69.2572

Complementary

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



60.5488, 57.9688, 78.5188



60.6405, 69.7196, 60.7161

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.



48.3268, 57.9688, 58.4221



60.5488, 57.9688, 78.5188



53.0460, 57.9688, 45.2034

Square

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



60.5488, 57.9688, 78.5188



60.2410, 57.9688, 49.1704



49.9838, 57.9688, 49.8757



50.2556, 57.9688, 79.4817

Rectangle

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



60.5488, 57.9688, 78.5188



62.6352, 57.9688, 60.7514



49.9838, 57.9688, 49.8757



48.1904, 57.9688, 65.5457

Sweetspot

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



60.5505, 57.9713, 78.5201



90.8007, 93.1065, 107.7934



56.6402, 59.1037, 78.9448



19.2685, 19.6595, 23.0291



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.



60.5505, 57.9713, 78.5201



78.2661, 73.0827, 104.5890



62.4409, 59.0412, 74.2989



13.8871, 13.7253, 17.3050



16.2691, 7.4823, 41.6351



1.2152, 0.5638, 2.8900

Inverse Universe

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



60.4731, 58.2541, 63.9368



78.1827, 73.5668, 80.7684



58.9821, 68.7831, 64.3250



13.8701, 13.7657, 15.0861



18.4926, 9.4641, 3.9940



1.3200, 0.6713, 0.4779

Previews

White Background



This preview shows how the XYZ color 60.5488, 57.9688, 78.5188 looks on a white background.

Color Contrast Check

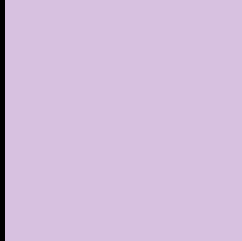
Large Text (above 18pt) WCAG AA × Fail

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 60.5488, 57.9688, 78.5188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

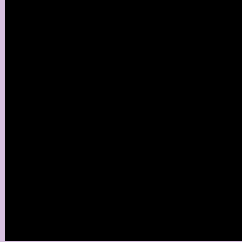
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.5488, 57.9688, 78.5188

Background



This preview shows how black text looks on a background with the XYZ color 60.5488, 57.9688, 78.5188.



This preview shows how white text looks on a background with the XYZ color 60.5488, 57.9688,

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

60.5488, 57.9688, 78.5188

Protanopia

57.1920, 58.1840, 81.6151

Deuteranopia

59.2641, 57.9673, 78.5863



Tritanopia

58.7136, 57.8795, 69.7053

Trichromacy



Original Color

60.5488, 57.9688, 78.5188

Protanomaly

58.4600, 58.1751, 80.8208

Deuteranomaly

59.6103, 57.8143, 78.5385

Tritanomaly

59.4180, 57.8376, 72.9978

Monochromacy



Original Color

60.5488, 57.9688, 78.5188

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

57.9134, 58.8154, 69.9282

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.5488, 57.9688, 78.5188 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(215, 193, 224)` looks like.

```
.text, #text, p{  
    color:rgb(215, 193, 224)  
}
```

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(215, 193, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 193, 224) }
```

Border

The CSS property to change the border of an element to XYZ 60.5488, 57.9688, 78.5188 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(215, 193, 224) }
```


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

```
.border{ border-color:rgb(215, 193, 224) }
```

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

Here you see how a box with a 4 pixel rgb(215, 193, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 193, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 193, 224);  
box-shadow:4px 4px 4px 4px rgb(215, 193,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 60.5488, 57.9688, 78.5188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 193, 224) }
```

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

```
.background{ background-color: rgb(215,  
193, 224) }
```

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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