

Converting Colors

XYZ(46.7475, 38.3383, 55.5677)

Have a look what the booklet for
XYZ(46.7475, 38.3383, 55.5677)
contains.

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Color

**XYZ(46.7685, 38.2569,
55.3714)**

Conversions

Conversions Part 1

Format	Color
Hex	D392C1
RGB	211, 146, 193
RGB Percent	83%, 57%, 76%
CMY	0.1725, 0.4274, 0.2431
CMYK	0.00, 0.31, 0.09, 0.17
HSL	317°, 42%, 70%
HSV	317°, 31%, 83%
XYZ	46.7685, 38.2569, 55.3714
YIQ	170.7930, 23.6530, 28.3970

Conversions

Conversions Part 2

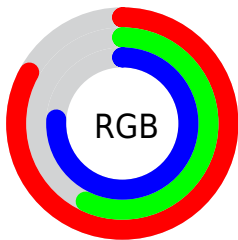
Format	Color
R_{YB}	211, 146, 193
Decimal	13865665
CIE Lab	68.21, 31.77, -14.45
CIE LCh	68, 34.898, 335.539
Yxy	38.2569, 0.3331, 0.2725
Android (android.graphics.Color)	4292055745 (0xFFD392C1)
YUV	170.7930, 10.9481, 35.2615
Hunter-Lab	61.8522, 26.7286, -9.7812

Details

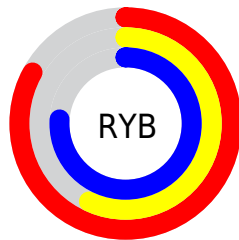
The XYZ color **46.7685, 38.2569, 55.3714** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **41.8508, 55.3810, 43.6082**, and the grayscale version is **38.5444, 40.5517, 44.1608**.

A 20% lighter version of the original color is **79.2255, 69.8728, 98.9337**, and **22.1805, 16.8380, 26.5071** is the 20% darker color. If you saturate the color by 10%, you get **43.1723, 32.0868, 51.0200**, and if you desaturate by 10%, it is **50.9930, 45.6413, 60.0602**.

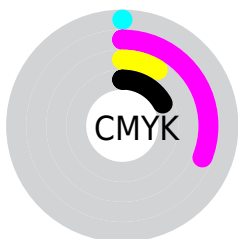
Distribution



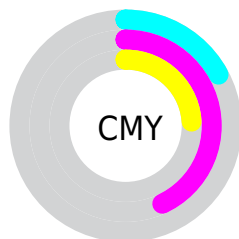
- Red (83%)
- Green (57%)
- Blue (76%)



- Red (83%)
- Yellow (57%)
- Blue (76%)



- Cyan (0%)
- Magenta (31%)
- Yellow (9%)
- Black (17%)





- Cyan (17%)
- Magenta (43%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.7685, 38.2569, 55.3714 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 46.7685, 38.2569, 55.3714 by changing the saturation by 10% instead.


 46.7685, 38.2569,
55.3714

 46.7685, 38.2569,
55.3714


364.5541,
338.7207, 424.6398

 33.0599, 26.1821,
39.2985


 84.5888, 72.5017,
99.5615

 22.3318, 16.9599,
26.6824


 109.4312, 95.4406,
128.5158

 14.2188, 10.2059,
17.1045


138.7155,
122.7696, 162.6011

 8.3558, 5.5357,
10.1463

172.8072,
154.8731, 202.2358

 4.3771, 2.5649,
5.3892

212.0715,
192.1356, 247.8384

 1.9176, 0.9090,
2.4147

256.8739,

 0.5870, 0.0000,

234.9415, 299.8276

0.7944

307.5796,
283.6750, 358.6219

■ 0.0000, 0.0000,
0.0000

■ 46.7685, 38.2569,
55.3714

■ 46.7685, 38.2569,
55.3714

■ 43.1723, 32.0868,
51.0200

■ 50.9930, 45.6413,
60.0602

■ 40.1677, 27.0595,
46.9910

■ 55.8732, 54.2959,
65.0956

■ 37.7191, 23.1041,
43.2715

■ 61.4389, 64.2796,
70.4895

■ 35.7859, 20.1396,
39.8466

■ 67.7172, 75.6458,
76.2522

■ 34.3215, 18.0734,
36.6990

■ 74.7337, 88.4453,
82.3936

■ 33.2704, 16.7951,
33.8088

■ 76.6365, 90.9739,
86.9645

■ 32.5782, 16.1346,
31.3465

■ 77.4620, 91.3041,
91.3115

■ 78.3152, 91.6454,
95.8044

■ 79.1963, 91.9979,
100.4446

Harmonies

Analogous

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



42.8053, 38.2569, 71.1887



46.7685, 38.2569, 55.3714



47.8318, 38.2569, 38.8226

Triad

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



46.7685, 38.2569, 55.3714



35.3590, 38.2569, 18.3408



28.4781, 38.2569, 61.6673

Complementary

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



46.7685, 38.2569, 55.3714



41.8508, 55.3810, 43.6082

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.



26.8901, 38.2569, 44.6225



46.7685, 38.2569, 55.3714



30.6001, 38.2569, 21.6826

Square

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



46.7685, 38.2569, 55.3714



40.8799, 38.2569, 19.8600



27.6265, 38.2569, 30.4148



32.1899, 38.2569, 75.4141

Rectangle

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



46.7685, 38.2569, 55.3714



46.6699, 38.2569, 30.0011



27.6265, 38.2569, 30.4148



27.6960, 38.2569, 55.9933

Sweetspot

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



46.7697, 38.2586, 55.3722



87.1541, 85.8187, 101.3030



37.2111, 33.0847, 66.0535



18.3992, 17.9126, 21.4294



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.



46.7697, 38.2586, 55.3722



68.0486, 52.2775, 80.5379



43.5920, 36.9876, 38.6390



12.1653, 11.9509, 14.1463



19.7061, 9.7553, 19.1563



1.1345, 0.5585, 1.2431

Inverse Universe

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



46.7697, 38.2586, 55.3722



68.0486, 52.2775, 80.5379



45.0945, 56.6785, 60.6896



12.1653, 11.9509, 14.1463



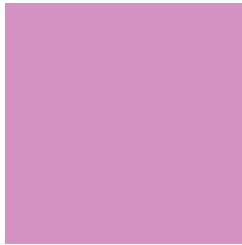
19.7061, 9.7553, 19.1563



1.1345, 0.5585, 1.2431

Previews

White Background



This preview shows how the XYZ color 46.7685, 38.2569, 55.3714 looks on a white background.

Color Contrast Check

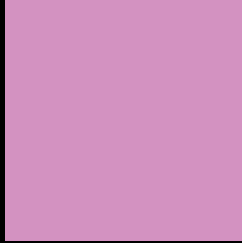
Large Text (above 18pt) WCAG AA × Fail

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 46.7685, 38.2569, 55.3714 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

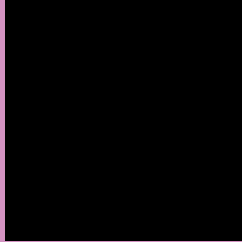
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.7685, 38.2569, 55.3714

Background



This preview shows how black text looks on a background with the XYZ color 46.7685, 38.2569, 55.3714.



This preview shows how white text looks on a background with the XYZ color 46.7685, 38.2569,

55.3714.

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

46.7685, 38.2569, 55.3714

Protanopia

38.5003, 38.5346, 63.8013

Deuteranopia

39.2279, 38.3290, 54.0459



Tritanopia

43.5712, 38.3662, 39.7593

Trichromacy



Original Color

46.7685, 38.2569, 55.3714

Protanomaly

40.9009, 38.0179, 60.4408

Deuteranomaly

41.5421, 37.9776, 54.4311

Tritanomaly

44.5588, 38.2786, 45.0844

Monochromacy



Original Color

46.7685, 38.2569, 55.3714

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

41.3067, 39.5344, 48.1016

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.7685, 38.2569, 55.3714 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(211, 146, 193)` looks like.

```
.text, #text, p{  
    color:rgb(211, 146, 193)  
}
```

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(211, 146, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 146, 193) }
```

Border

The CSS property to change the border of an element to XYZ 46.7685, 38.2569, 55.3714 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(211, 146, 193) }
```


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

```
.border{ border-color:rgb(211, 146, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 146, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 146, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 146, 193);  
box-shadow:4px 4px 4px 4px rgb(211, 146,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 46.7685, 38.2569, 55.3714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 146, 193) }
```

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

```
.background{ background-color: rgb(211,  
146, 193) }
```

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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