

Converting Colors

XYZ(45.7303, 38.8650, 56.2913)

Have a look what the booklet for
XYZ(45.7303, 38.8650, 56.2913)
contains.

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Color

**XYZ(45.7061, 38.8656,
56.1318)**

Conversions

Conversions Part 1

Format	Color
Hex	CC97C2
RGB	204, 151, 194
RGB Percent	80%, 59%, 76%
CMY	0.2000, 0.4078, 0.2392
CMYK	0.00, 0.26, 0.05, 0.20
HSL	311°, 34%, 70%
HSV	311°, 26%, 80%
XYZ	45.7061, 38.8656, 56.1318
YIQ	171.7490, 17.7850, 24.6090

Conversions

Conversions Part 2

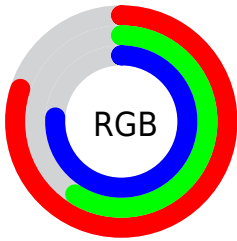
Format	Color
R_{YB}	204, 151, 194
Decimal	13408194
CIE _{Lab}	68.65, 26.84, -14.41
CIE _{LCh}	69, 30.463, 331.766
Yxy	38.8656, 0.3248, 0.2762
Android (android.graphics.Color)	4291598274 (0xFFCC97C2)
YUV	171.7490, 10.9697, 28.2841
Hunter-Lab	62.3423, 21.7679, -9.7440

Details

The XYZ color **45.7061, 38.8656, 56.1318** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **40.7900, 52.3395, 41.6732**, and the grayscale version is **39.0269, 41.0593, 44.7136**.

A 20% lighter version of the original color is **80.7239, 72.3676, 100.9805**, and **21.5899, 17.2067, 26.9943** is the 20% darker color. If you saturate the color by 10%, you get **42.2763, 32.6884, 52.8834**, and if you desaturate by 10%, it is **49.7175, 46.1868, 59.6302**.

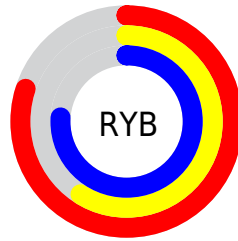
Distribution



Red (80%)

Green (59%)

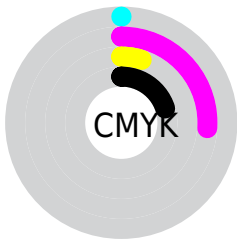
Blue (76%)



Red (80%)

Yellow (59%)

Blue (76%)

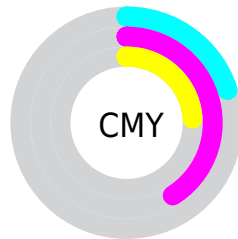


Cyan (0%)

Magenta (26%)

Yellow (5%)

Black (20%)



Cyan (20%)

Magenta (41%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.7061, 38.8656, 56.1318 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 45.7061, 38.8656, 56.1318 by changing the saturation by 10% instead.

■ 45.7061, 38.8656,
56.1318

■ 45.7061, 38.8656,
56.1318

360.3616,
341.3187, 427.5903

■ 32.2176, 26.6552,
39.9039

■ 83.0095, 73.4330,
100.6850

■ 21.6841, 17.3144,
27.1504

■ 107.5552, 96.5587,
129.8473

■ 13.7403, 10.4589,
17.4528

136.5173,
124.0917, 164.1583

■ 8.0207, 5.7043,
10.3925

170.2611,
156.4162, 204.0363

■ 4.1601, 2.6661,
5.5510

209.1522,
193.9169, 249.9000

■ 1.7931, 0.9600,
2.5097

253.5557,

■ 0.5135, 0.0000,

236.9779, 302.1678

0.8453

303.8370,
285.9837, 361.2584

■ 0.0000, 0.0000,
0.0000

■ 45.7061, 38.8656,
56.1318

■ 45.7061, 38.8656,
56.1318

■ 42.2763, 32.6884,
52.8834

■ 49.7175, 46.1868,
59.6302

■ 39.3953, 27.5916,
49.8722

■ 54.3342, 54.7012,
63.3857

■ 37.0322, 23.5130,
47.0882

■ 59.5829, 64.4614,
67.4079

■ 35.1519, 20.3823,
44.5191

■ 65.4875, 75.5153,
71.7052

■ 33.7144, 18.1200,
42.1512

■ 72.0709, 87.9081,
76.2856

■ 32.6735, 16.6336,
39.9687

■ 73.1993, 89.3724,
79.1050

■ 31.9714, 15.8077,
37.9518

■ 73.7063, 89.5752,
81.7748

■ 31.7400, 15.5727,
37.1725

■ 74.2251, 89.7827,
84.5066

■ 74.7557, 89.9950,
87.3008

Harmonies

Analogous

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



42.0285, 38.8656, 69.0804



45.7061, 38.8656, 56.1318



46.9814, 38.8656, 41.5069

Triad

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



45.7061, 38.8656, 56.1318



36.6563, 38.8656, 20.9743



29.6195, 38.8656, 57.8563

Complementary

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



45.7061, 38.8656, 56.1318



40.7900, 52.3395, 41.6732

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.



28.4431, 38.8656, 43.1397



45.7061, 38.8656, 56.1318



32.2808, 38.8656, 23.5510

Square

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



45.7061, 38.8656, 56.1318



41.4927, 38.8656, 23.0030



29.3742, 38.8656, 30.9797



32.7342, 38.8656, 70.2184

Rectangle

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



45.7061, 38.8656, 56.1318



46.2165, 38.8656, 33.2334



29.3742, 38.8656, 30.9797



28.9971, 38.8656, 52.9235

Sweetspot

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



45.7073, 38.8673, 56.1326



88.2703, 87.4224, 103.6131



36.6083, 34.0424, 61.7690



18.6370, 18.2381, 21.9716



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.



45.7073, 38.8673, 56.1326



72.4961, 58.5873, 89.9906



43.0176, 37.7915, 41.9690



11.5932, 11.3660, 13.6585



20.0097, 9.8145, 23.5675



1.0563, 0.5159, 1.3425

Inverse Universe

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



45.7073, 38.8673, 56.1326



72.4961, 58.5873, 89.9906



43.3497, 53.3634, 55.1522



11.5932, 11.3660, 13.6585



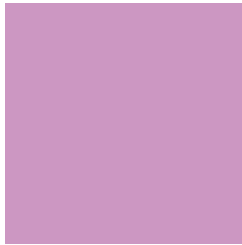
20.0097, 9.8145, 23.5675



1.0563, 0.5159, 1.3425

Previews

White Background



This preview shows how the XYZ color 45.7061, 38.8656, 56.1318 looks on a white background.

Color Contrast Check

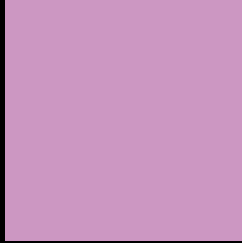
Large Text (above 18pt) WCAG AA × Fail

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 45.7061, 38.8656, 56.1318 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

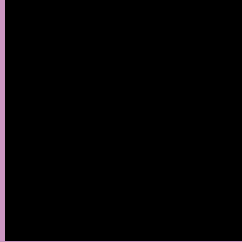
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.7061, 38.8656, 56.1318

Background



This preview shows how black text looks on a background with the XYZ color 45.7061, 38.8656, 56.1318.



This preview shows how white text looks on a background with the XYZ color 45.7061, 38.8656,

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

45.7061, 38.8656, 56.1318

Protanopia

38.8334, 39.0030, 62.6083

Deuteranopia

40.0235, 39.2409, 55.3340



Tritanopia

43.0437, 39.0216, 42.3091

Trichromacy



Original Color

45.7061, 38.8656, 56.1318

Protanomaly

40.8494, 38.7738, 59.9747

Deuteranomaly

41.7909, 38.8369, 55.7457

Tritanomaly

43.8485, 38.8421, 46.7812

Monochromacy



Original Color

45.7061, 38.8656, 56.1318

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

41.2808, 40.0366, 48.7321

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.7061, 38.8656, 56.1318 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(204, 151, 194)` looks like.

```
.text, #text, p{  
    color:rgb(204, 151, 194)  
}
```

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(204, 151, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 151, 194) }
```

Border

The CSS property to change the border of an element to XYZ 45.7061, 38.8656, 56.1318 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(204, 151, 194) }
```


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

```
.border{ border-color:rgb(204, 151, 194) }
```

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

Here you see how a box with a 4 pixel rgb(204, 151, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 151, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 151, 194);  
box-shadow:4px 4px 4px 4px rgb(204, 151,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 45.7061, 38.8656, 56.1318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 151, 194) }
```

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

```
.background{ background-color: rgb(204,  
151, 194) }
```

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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