

Converting Colors

XYZ(45.5435, 33.4110, 57.4259)

Have a look what the booklet for
XYZ(45.5435, 33.4110, 57.4259)
contains.

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Color

**XYZ(45.3855, 33.2951,
57.4606)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | D67EC6 |
| RGB | 214, 126, 198 |
| RGB Percent | 84%, 49%, 78% |
| CMY | 0.1608, 0.5059, 0.2235 |
| CMYK | 0.00, 0.41, 0.07, 0.16 |
| HSL | 311°, 52%, 67% |
| HSV | 311°, 41%, 84% |
| XYZ | 45.3855, 33.2951, 57.4606 |
| YIQ | 160.5200, 29.3360, 41.0480 |

Conversions

Conversions Part 2

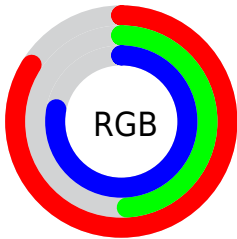
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 214, 126, 198 |
| Decimal | 14057158 |
| CIE _{Lab} | 64.40, 44.26, -23.00 |
| CIE _{LCh} | 64, 49.880, 332.538 |
| Yxy | 33.2951, 0.3334, 0.2446 |
| Android (android.graphics.Color) | 4292247238 (0xFFD67EC6) |
| YUV | 160.5200, 18.4776, 46.9020 |
| Hunter-Lab | 57.7019, 39.4210, -18.6507 |

Details

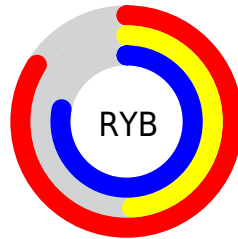
The XYZ color **45.3855, 33.2951, 57.4606** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **37.5347, 54.4829, 34.1314**, and the grayscale version is **33.5624, 35.3103, 38.4529**.

A 20% lighter version of the original color is **75.6113, 61.1225, 102.4204**, and **21.5834, 14.1803, 27.9851** is the 20% darker color. If you saturate the color by 10%, you get **42.4933, 28.2192, 54.3107**, and if you desaturate by 10%, it is **48.8766, 39.5492, 60.8678**.

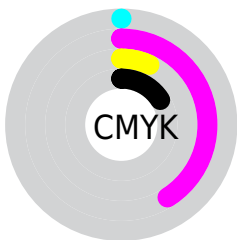
Distribution



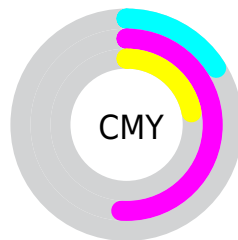
- Red (84%)
- Green (49%)
- Blue (78%)



- Red (84%)
- Yellow (49%)
- Blue (78%)



- Cyan (0%)
- Magenta (41%)
- Yellow (7%)
- Black (16%)



- Cyan (16%)
- Magenta (51%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.3855, 33.2951, 57.4606 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 45.3855, 33.2951, 57.4606 by changing the saturation by 10% instead.


 45.3855, 33.2951,
57.4606

 45.3855, 33.2951,
57.4606

359.0901,
316.9774, 432.7150


 31.9637, 22.3526,
40.9633


 82.5321, 64.8360,
102.6440

 21.4892, 14.1162,
27.9709


 106.9877, 86.2032,
132.1671

 13.5966, 8.2015,
18.0649

 135.8519,
111.8140, 166.8693

 7.9204, 4.2242,
10.8267

169.4901,
142.0530, 207.1691

 4.0955, 1.7997,
5.8377

208.2677,
177.3044, 253.4850

 1.7563, 0.4870,
2.6795

252.5500,

 0.4911, 0.0000,

217.9526, 306.2356

0.9331

302.7023,
264.3822, 365.8394

■ 0.0000, 0.0000,
0.0000

■ 45.3855, 33.2951,
57.4606

■ 45.3855, 33.2951,
57.4606

■ 42.4933, 28.2192,
54.3107

■ 48.8766, 39.5492,
60.8678

■ 40.1590, 24.2415,
51.4029

■ 52.9980, 47.0456,
64.5419

■ 38.3417, 21.2795,
48.7234

■ 57.7822, 55.8493,
68.4948

■ 36.9930, 19.2368,
46.2558

■ 63.2591, 66.0193,
72.7367

■ 36.0555, 17.9985,
43.9805

■ 69.4564, 77.6110,
77.2773

■ 35.4785, 17.3950,
42.0909

■ 76.4003, 90.6769,
82.1257

■ 77.1152, 91.2656,
84.9571

■ 77.6530, 91.4808,
87.7891

■ 78.2030, 91.7008,
90.6853

Harmonies

Analogous

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



39.5794, 33.2951, 80.2651



45.3855, 33.2951, 57.4606



47.3545, 33.2951, 34.5471

Triad

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



45.3855, 33.2951, 57.4606



31.0447, 33.2951, 9.5265



21.4674, 33.2951, 61.6386

Complementary

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



45.3855, 33.2951, 57.4606



37.5347, 54.4829, 34.1314

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.



19.8635, 33.2951, 38.0135



45.3855, 33.2951, 57.4606



24.8505, 33.2951, 12.2568

Square

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



45.3855, 33.2951, 57.4606



38.3752, 33.2951, 11.4348



21.0036, 33.2951, 21.0344



25.7534, 33.2951, 83.2452

Rectangle

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



45.3855, 33.2951, 57.4606



46.0194, 33.2951, 23.2261



21.0036, 33.2951, 21.0344



20.6284, 33.2951, 53.4171

Sweetspot

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



45.3866, 33.2966, 57.4613



85.1703, 81.6534, 101.2512



30.5280, 25.4121, 66.9152



18.0195, 17.0887, 21.5019



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.



45.3866, 33.2966, 57.4613



63.8346, 43.0807, 81.5037



41.1382, 31.5973, 35.0897



12.8516, 12.5922, 15.1589



21.4796, 10.5282, 25.6276



1.3214, 0.6453, 1.6817

Inverse Universe

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



45.3866, 33.2966, 57.4613



63.8346, 43.0807, 81.5037



41.3739, 56.0186, 54.3481



12.8516, 12.5922, 15.1589



21.4796, 10.5282, 25.6276



1.3214, 0.6453, 1.6817

Previews

White Background



This preview shows how the XYZ color 45.3855, 33.2951, 57.4606 looks on a white background.

Color Contrast Check

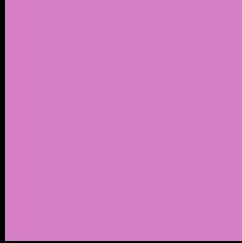
Large Text (above 18pt) WCAG AA × Fail

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 45.3855, 33.2951, 57.4606 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

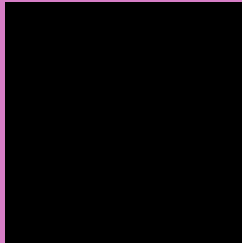
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.3855, 33.2951, 57.4606

Background



This preview shows how black text looks on a background with the XYZ color 45.3855, 33.2951, 57.4606.



This preview shows how white text looks on a background with the XYZ color 45.3855, 33.2951,

57.4606.

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

45.3855, 33.2951, 57.4606

Protanopia

34.6583, 33.5440, 71.6658

Deuteranopia

34.1537, 33.4050, 55.0998



Tritanopia

40.2245, 33.4078, 31.9320

Trichromacy



Original Color

45.3855, 33.2951, 57.4606

Protanomaly

37.2482, 32.6490, 65.9667

Deuteranomaly

37.3520, 32.6990, 55.9726

Tritanomaly

41.8488, 33.2299, 40.2847

Monochromacy



Original Color

45.3855, 33.2951, 57.4606

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

37.0523, 33.9391, 44.6424

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.3855, 33.2951, 57.4606 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(214, 126, 198)` looks like.

```
.text, #text, p{  
    color:rgb(214, 126, 198)  
}
```

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(214, 126, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 126, 198) }
```

Border

The CSS property to change the border of an element to XYZ 45.3855, 33.2951, 57.4606 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(214, 126, 198) }
```


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

```
.border{ border-color:rgb(214, 126, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 126, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 126, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 126, 198);  
box-shadow:4px 4px 4px 4px rgb(214, 126,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 45.3855, 33.2951, 57.4606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 126, 198) }
```

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

```
.background{ background-color: rgb(214,  
126, 198) }
```

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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