

Converting Colors

XYZ(41.8103, 32.6233, 57.6416)

Have a look what the booklet for
XYZ(41.8103, 32.6233, 57.6416)
contains.

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Color

**XYZ(41.7330, 32.5855,
57.5161)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | C684C6 |
| RGB | 198, 132, 198 |
| RGB Percent | 78%, 52%, 78% |
| CMY | 0.2235, 0.4823, 0.2235 |
| CMYK | 0.00, 0.33, 0.00, 0.22 |
| HSL | 300°, 37%, 65% |
| HSV | 300°, 33%, 78% |
| XYZ | 41.7330, 32.5855, 57.5161 |
| YIQ | 159.2580, 18.1500, 34.5180 |

Conversions

Conversions Part 2

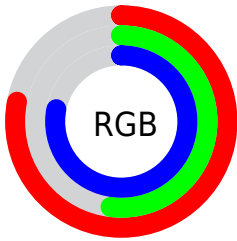
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 198, 132, 198 |
| Decimal | 13010118 |
| CIE Lab | 63.82, 35.96, -24.05 |
| CIE LCh | 64, 43.260, 326.230 |
| Yxy | 32.5855, 0.3166, 0.2472 |
| Android (android.graphics.Color) | 4291200198 (0xFFC684C6) |
| YUV | 159.2580, 19.0998, 33.9767 |
| Hunter-Lab | 57.0837, 30.6020, -19.7805 |

Details

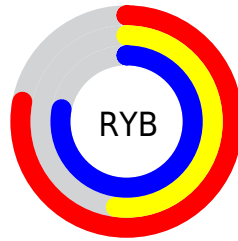
The XYZ color **41.7330, 32.5855, 57.5161** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **33.8760, 46.9608, 29.1105**, and the grayscale version is **32.9831, 34.7008, 37.7891**.

A 20% lighter version of the original color is **76.8489, 63.5978, 102.8330**, and **19.3042, 13.7381, 28.0198** is the 20% darker color. If you saturate the color by 10%, you get **39.2989, 27.7167, 56.7050**, and if you desaturate by 10%, it is **44.6787, 38.4763, 58.4985**.

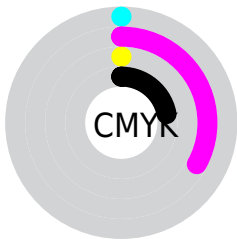
Distribution



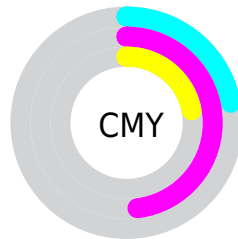
- Red (78%)
- Green (52%)
- Blue (78%)



- Red (78%)
- Yellow (52%)
- Blue (78%)



- Cyan (0%)
- Magenta (33%)
- Yellow (0%)
- Black (22%)





- Cyan (22%)
- Magenta (48%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.7330, 32.5855, 57.5161 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 41.7330, 32.5855, 57.5161 by changing the saturation by 10% instead.


 41.7330, 32.5855,
57.5161

 41.7330, 32.5855,
57.5161

344.3854,
313.7778, 432.9282

 29.0825, 21.8091,
41.0076


 77.0631, 63.7278,
102.7257

 19.2878, 13.7167,
28.0053

 100.4733, 84.8626,
132.2638

 11.9837, 7.9239,
18.0906


 128.2009,
110.2189, 166.9823

 6.8047, 4.0463,
10.8449

160.6111,
140.1812, 207.2996

 3.3855, 1.6995,
5.8498

198.0693,
175.1338, 253.6343

 1.3607, 0.4233,
2.6867

240.9408,

 0.2280, 0.0000,

215.4612, 306.4050

0.9367

289.5911,
261.5477, 366.0301

■ 0.0000, 0.0000,
0.0000

■ 41.7330, 32.5855,
57.5161

■ 41.7330, 32.5855,
57.5161

■ 39.2989, 27.7167,
56.7050

■ 44.6787, 38.4763,
58.4985

■ 37.3444, 23.8077,
56.0534

■ 48.1596, 45.4380,
59.6589

■ 35.8387, 20.7964,
55.5514


■ 52.2015, 53.5217,
61.0062


■ 34.7463, 18.6115,
55.1871


■ 56.8275, 62.7737,
62.5484


■ 34.0260, 17.1711,
54.9469


■ 62.0596, 73.2379,
64.2925


 33.6286, 16.3762,
54.8143

 67.9187, 84.9560,
66.2456

 33.4820, 16.0831,
54.7654

 69.2423, 87.6033,
66.6870

 69.2424, 87.6033,
66.6871

 69.2424, 87.6033,
66.6872

Harmonies

Analogous

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



36.4270, 32.5855, 74.7493



41.7330, 32.5855, 57.5161



44.1521, 32.5855, 37.7257

Triad

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



41.7330, 32.5855, 57.5161



31.7460, 32.5855, 11.4717



21.6297, 32.5855, 52.4166

Complementary

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



41.7330, 32.5855, 57.5161



33.8760, 46.9608, 29.1105

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.



20.7159, 32.5855, 33.3254



41.7330, 32.5855, 57.5161



26.0899, 32.5855, 13.1351

Square

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



41.7330, 32.5855, 57.5161



37.9296, 32.5855, 14.3022



22.2400, 32.5855, 19.9428



24.9211, 32.5855, 71.1920

Rectangle

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



41.7330, 32.5855, 57.5161



43.5967, 32.5855, 26.9265



22.2400, 32.5855, 19.9428



21.0545, 32.5855, 45.6766

Sweetspot

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



41.7340, 32.5869, 57.5168



87.4478, 84.7957, 106.3658



27.9615, 25.4869, 56.8726



18.5068, 17.7284, 22.6964



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.



41.7340, 32.5869, 57.5168



70.6811, 51.2624, 100.7763



38.3327, 31.2264, 39.6056



11.0832, 10.8166, 13.4211



21.7739, 10.4591, 35.6148



1.0310, 0.4952, 1.6864

Inverse Universe

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



41.7340, 32.5869, 57.5168



70.6811, 51.2624, 100.7763



36.5026, 48.0114, 42.9419



11.0832, 10.8166, 13.4211



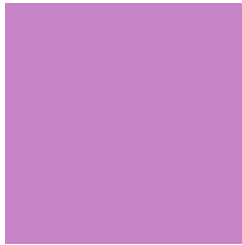
21.7739, 10.4591, 35.6148



1.0310, 0.4952, 1.6864

Previews

White Background



This preview shows how the XYZ color 41.7330, 32.5855, 57.5161 looks on a white background.

Color Contrast Check

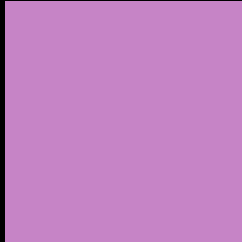
Large Text (above 18pt) WCAG AA × Fail

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 41.7330, 32.5855, 57.5161 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 41.7330, 32.5855, 57.5161

Background



This preview shows how black text looks on a background with the XYZ color 41.7330, 32.5855, 57.5161.



This preview shows how white text looks on a background with the XYZ color 41.7330, 32.5855,

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

41.7330, 32.5855, 57.5161

Protanopia

33.8454, 32.9559, 68.1956

Deuteranopia

33.5435, 32.8355, 55.6089



Tritanopia

36.9306, 32.5232, 34.0369

Trichromacy



Original Color

41.7330, 32.5855, 57.5161



Protanomaly

35.8086, 32.1758, 63.9977



Deuteranomaly

35.9121, 32.4064, 55.9921



Tritanomaly

38.4980, 32.5109, 41.7823

Monochromacy



Original Color

41.7330, 32.5855, 57.5161



Achromatopsia

32.9542, 34.6704, 37.7561



Achromatomaly

35.5239, 33.3963, 44.1090

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.7330, 32.5855, 57.5161 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(198, 132, 198)` looks like.

```
.text, #text, p{  
    color:rgb(198, 132, 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(198, 132, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 132, 198) }
```

Border

The CSS property to change the border of an element to XYZ 41.7330, 32.5855, 57.5161 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(198, 132, 198) }
```


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

```
.border{ border-color:rgb(198, 132, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 132, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 132, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 132, 198);  
box-shadow:4px 4px 4px 4px rgb(198, 132,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 41.7330, 32.5855, 57.5161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 132, 198) }
```

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

```
.background{ background-color: rgb(198,  
132, 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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