

Converting Colors

XYZ(41.5870, 33.2380, 53.9081)

Have a look what the booklet for
XYZ(41.5870, 33.2380, 53.9081)
contains.

XYZ(41.7316, 33.2758, 54.0926)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(41.7316, 33.2758,
54.0926)**

Conversions

Conversions Part 1

Format	Color
Hex	C787C0
RGB	199, 135, 192
RGB Percent	78%, 53%, 75%
CMY	0.2196, 0.4706, 0.2471
CMYK	0.00, 0.32, 0.04, 0.22
HSL	307°, 36%, 65%
HSV	307°, 32%, 78%
XYZ	41.7316, 33.2758, 54.0926
YIQ	160.6340, 19.8470, 31.2950

Conversions

Conversions Part 2

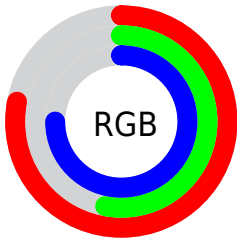
Format	Color
R_{YB}	199, 135, 192
Decimal	13076416
CIE _{Lab}	64.38, 33.54, -19.81
CIE _{LCh}	64, 38.956, 329.438
Yxy	33.2758, 0.3233, 0.2578
Android (android.graphics.Color)	4291266496 (0xFFC787C0)
YUV	160.6340, 15.4634, 33.6470
Hunter-Lab	57.6852, 28.1845, -15.2178

Details

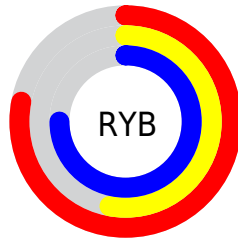
The XYZ color **41.7316, 33.2758, 54.0926** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **35.2989, 47.9518, 32.9882**, and the grayscale version is **33.6316, 35.3831, 38.5321**.

A 20% lighter version of the original color is **76.5365, 64.4947, 98.0374**, and **19.2594, 14.1049, 25.7522** is the 20% darker color. If you saturate the color by 10%, you get **38.9712, 28.1376, 51.9915**, and if you desaturate by 10%, it is **45.0166, 39.4563, 56.3868**.

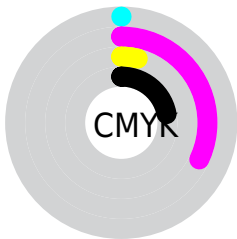
Distribution



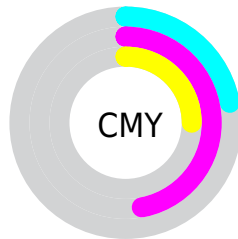
- Red (78%)
- Green (53%)
- Blue (75%)



- Red (78%)
- Yellow (53%)
- Blue (75%)



- Cyan (0%)
- Magenta (32%)
- Yellow (4%)
- Black (22%)





- Cyan (22%)
- Magenta (47%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.7316, 33.2758, 54.0926 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 41.7316, 33.2758, 54.0926 by changing the saturation by 10% instead.


 41.7316, 33.2758,
54.0926


 41.7316, 33.2758,
54.0926


344.3797,
316.8907, 419.6476


 29.0814, 22.3378,
38.2820


 77.0610, 64.8059,
97.6680

 19.2870, 14.1053,
25.8981


 100.4708, 86.1668,
126.2698

 11.9831, 8.1940,
16.5224


 128.1979,
111.7707, 159.9725

 6.8043, 4.2193,
9.7362

160.6076,
142.0022, 199.1946

 3.3852, 1.7970,
5.1211

198.0653,
177.2455, 244.3546

 1.3606, 0.4853,
2.2585

240.9363,

 0.2279, 0.0000,

217.8851, 295.8711

0.7078

289.5860,
264.3054, 354.1626

■ 0.0000, 0.0000,
0.0000

■ 41.7316, 33.2758,
54.0926

■ 41.7316, 33.2758,
54.0926

■ 38.9712, 28.1376,
51.9915

■ 45.0166, 39.4563,
56.3868

■ 36.7033, 23.9792,
50.0718

■ 48.8497, 46.7279,
58.8811

■ 34.8970, 20.7385,
48.3234

■ 53.2570, 55.1421,
61.5845

■ 33.5168, 18.3443,
46.7345

■ 58.2618, 64.7455,
64.5049

■ 32.5220, 16.7152,
45.2912

■ 63.8861, 75.5822,
67.6497

■ 31.8636, 15.7535,
43.9774

■ 70.1510, 87.6941,
71.0260

■ 31.5126, 15.3259,
43.0143

■ 70.6052, 88.1790,
72.4834

■ 70.8736, 88.2863,
73.8970

■ 71.1458, 88.3952,
75.3301

Harmonies

Analogous

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



37.1658, 33.2758, 69.8839



41.7316, 33.2758, 54.0926



43.5393, 33.2758, 36.5322

Triad

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



41.7316, 33.2758, 54.0926



31.7324, 33.2758, 13.4633



23.2171, 33.2758, 53.4174

Complementary

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



41.7316, 33.2758, 54.0926



35.2989, 47.9518, 32.9882

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.



22.1146, 33.2758, 35.9328



41.7316, 33.2758, 54.0926



26.6690, 33.2758, 15.6060

Square

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



41.7316, 33.2758, 54.0926



37.3680, 33.2758, 15.7775



23.3023, 33.2758, 22.8113



26.5075, 33.2758, 69.4206

Rectangle

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



41.7316, 33.2758, 54.0926



42.7918, 33.2758, 26.9858



23.3023, 33.2758, 22.8113



22.5967, 33.2758, 47.3797

Sweetspot

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



41.7326, 33.2773, 54.0933



87.0020, 84.6174, 104.0179



30.0269, 27.1510, 57.6917



18.3980, 17.6849, 22.1238



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.



41.7326, 33.2773, 54.0933



69.4007, 51.4252, 91.9530



38.6162, 32.0307, 37.6823



11.0312, 10.7959, 13.1475



20.2830, 9.8628, 27.7637



0.9751, 0.4729, 1.3918

Inverse Universe

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



41.7326, 33.2773, 54.0933



69.4007, 51.4252, 91.9530



37.9979, 49.0314, 47.2010



11.0312, 10.7959, 13.1475



20.2830, 9.8628, 27.7637



0.9751, 0.4729, 1.3918

Previews

White Background



This preview shows how the XYZ color 41.7316, 33.2758, 54.0926 looks on a white background.

Color Contrast Check

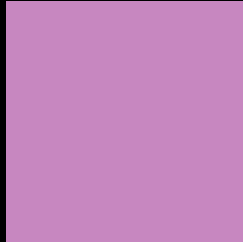
Large Text (above 18pt) WCAG AA × Fail

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 41.7316, 33.2758, 54.0926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

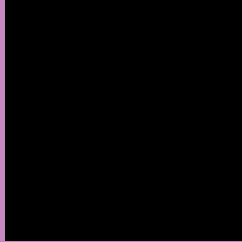
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.7316, 33.2758, 54.0926

Background



This preview shows how black text looks on a background with the XYZ color 41.7316, 33.2758, 54.0926.



This preview shows how white text looks on a background with the XYZ color 41.7316, 33.2758,

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

41.7316, 33.2758, 54.0926

Protanopia

34.0173, 33.6497, 63.0947

Deuteranopia

34.2868, 33.5245, 52.8079



Tritanopia

37.6709, 33.1152, 34.5434

Trichromacy



Original Color

41.7316, 33.2758, 54.0926

Protanomaly

36.2368, 33.1834, 59.7535

Deuteranomaly

36.5864, 33.0461, 53.1654

Tritanomaly

38.9726, 32.9910, 40.8730

Monochromacy



Original Color

41.7316, 33.2758, 54.0926

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

36.3538, 34.5490, 43.7823

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.7316, 33.2758, 54.0926 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(199, 135, 192)` looks like.

```
.text, #text, p{  
    color:rgb(199, 135, 192)  
}
```

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(199, 135, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 135, 192) }
```

Border

The CSS property to change the border of an element to XYZ 41.7316, 33.2758, 54.0926 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(199, 135, 192) }
```


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

```
.border{ border-color:rgb(199, 135, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 135, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 135, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 135, 192);  
box-shadow:4px 4px 4px 4px rgb(199, 135,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 41.7316, 33.2758, 54.0926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 135, 192) }
```

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

```
.background{ background-color: rgb(199,  
135, 192) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor