

Converting Colors

XYZ(41.9933, 32.2028, 53.8716)

Have a look what the booklet for
XYZ(41.9933, 32.2028, 53.8716)
contains.

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Color

**XYZ(41.9933, 32.2028,
53.8716)**

Conversions

Conversions Part 1

Format	Color
Hex	CB81C0
RGB	203, 129, 192
RGB Percent	80%, 51%, 75%
CMY	0.2039, 0.4941, 0.2471
CMYK	0.00, 0.36, 0.05, 0.20
HSL	309°, 42%, 65%
HSV	309°, 36%, 80%
XYZ	41.9933, 32.2028, 53.8716
YIQ	158.3080, 23.8810, 35.2810

Conversions

Conversions Part 2

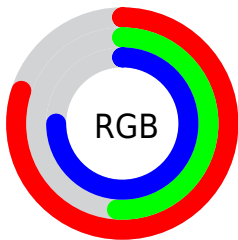
Format	Color
R_{YB}	203, 129, 192
Decimal	13337024
CIE _{Lab}	63.51, 38.10, -21.10
CIE _{LCh}	64, 43.553, 331.026
Yxy	32.2028, 0.3279, 0.2515
Android (android.graphics.Color)	4291527104 (0xFFCB81C0)
YUV	158.3080, 16.6102, 39.1949
Hunter-Lab	56.7475, 32.7823, -16.5620

Details

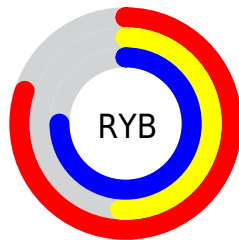
The XYZ color **41.9933, 32.2028, 53.8716** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **35.1442, 49.2735, 32.4714**, and the grayscale version is **32.5594, 34.2550, 37.3037**.

A 20% lighter version of the original color is **75.2724, 61.9665, 97.6160**, and **19.5246, 13.5797, 25.6368** is the 20% darker color. If you saturate the color by 10%, you get **39.2496, 27.2444, 51.3244**, and if you desaturate by 10%, it is **45.2771, 38.2291, 56.6334**.

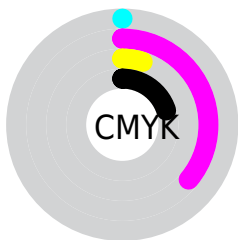
Distribution



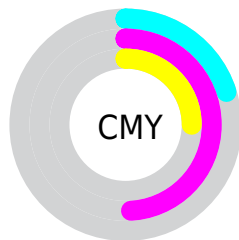
- Red (80%)
- Green (51%)
- Blue (75%)



- Red (80%)
- Yellow (51%)
- Blue (75%)



- Cyan (0%)
- Magenta (36%)
- Yellow (5%)
- Black (20%)




- Cyan (20%)
- Magenta (49%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.9933, 32.2028, 53.8716 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 41.9933, 32.2028, 53.8716 by changing the saturation by 10% instead.


 41.9933, 32.2028,
53.8716

 41.9933, 32.2028,
53.8716


345.4473,
312.0420, 418.7810


 29.2871, 21.5164,
38.1065


 77.4547, 63.1289,
97.3402

 19.4435, 13.5020,
25.7629


 100.9407, 84.1374,
125.8808

 12.0971, 7.7751,
16.4222

 128.7506,
109.3554, 159.5170

 6.8825, 3.9514,
9.6658

161.2498,
139.1674, 198.6674

 3.4344, 1.6464,
5.0753

198.8038,
173.9576, 243.7504

 1.3874, 0.3886,
2.2320

241.7778,

 0.2472, 0.0000,

214.1105, 295.1846

0.6927

290.5371,
260.0105, 353.3887

■ 0.0000, 0.0000,
0.0000

■ 41.9933, 32.2028,
53.8716

■ 41.9933, 32.2028,
53.8716

■ 39.2496, 27.2444,
51.3244

■ 45.2771, 38.2291,
56.6334

■ 37.0111, 23.2864,
48.9789

■ 49.1270, 45.3771,
59.6175

■ 35.2441, 20.2603,
46.8239


■ 53.5708, 53.7021,
62.8339


■ 33.9089, 18.0870,
44.8462


■ 58.6340, 63.2544,
66.2911


■ 32.9595, 16.6747,
43.0300


■ 64.3401, 74.0814,
69.9973


 32.3367, 15.9049,
41.3556

 70.7117, 86.2281,
73.9601

 32.1546, 15.7069,
40.7822

 72.4151, 89.0272,
76.4018

 72.8022, 89.1820,
78.4399

 73.1964, 89.3397,
80.5158

Harmonies

Analogous

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



37.0248, 32.2028, 72.2060



41.9933, 32.2028, 53.8716



43.8202, 32.2028, 34.4686

Triad

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



41.9933, 32.2028, 53.8716



30.3994, 32.2028, 11.1396



21.6576, 32.2028, 55.2630

Complementary

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



41.9933, 32.2028, 53.8716



35.1442, 49.2735, 32.4714

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.



20.3603, 32.2028, 35.6650



41.9933, 32.2028, 53.8716



24.9787, 32.2028, 13.5144

Square

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



41.9933, 32.2028, 53.8716



36.6156, 32.2028, 13.2001



21.4922, 32.2028, 21.2381



25.2959, 32.2028, 73.1785

Rectangle

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



41.9933, 32.2028, 53.8716



42.8430, 32.2028, 24.3878



21.4922, 32.2028, 21.2381



20.9566, 32.2028, 48.4724

Sweetspot

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



41.9943, 32.2042, 53.8723



86.0812, 83.1251, 102.6341



29.2564, 25.4915, 59.8790



18.2073, 17.3846, 21.8100



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.



41.9943, 32.2042, 53.8723



66.5122, 47.0368, 86.7091



38.4922, 30.8034, 35.4301



11.6131, 11.3740, 13.7630



20.4894, 10.0063, 26.0934



1.0770, 0.5242, 1.4514

Inverse Universe

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



41.9943, 32.2042, 53.8723



66.5122, 47.0368, 86.7091



38.2337, 50.5093, 48.7406



11.6131, 11.3740, 13.7630



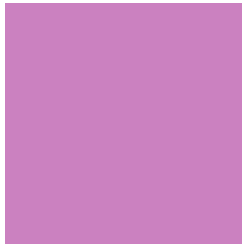
20.4894, 10.0063, 26.0934



1.0770, 0.5242, 1.4514

Previews

White Background



This preview shows how the XYZ color 41.9933, 32.2028, 53.8716 looks on a white background.

Color Contrast Check

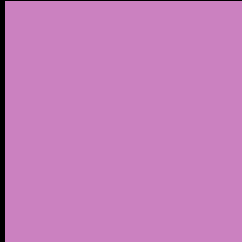
Large Text (above 18pt) WCAG AA × Fail

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 41.9933, 32.2028, 53.8716 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

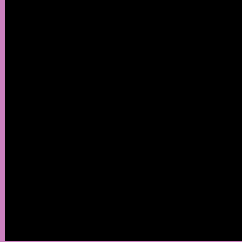
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.9933, 32.2028, 53.8716

Background



This preview shows how black text looks on a background with the XYZ color 41.9933, 32.2028, 53.8716.



This preview shows how white text looks on a background with the XYZ color 41.9933, 32.2028,

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

41.9933, 32.2028, 53.8716

Protanopia

33.2181, 32.4632, 64.8368

Deuteranopia

33.0926, 32.4395, 52.0942



Tritanopia

37.7225, 32.3208, 32.2673

Trichromacy



Original Color

41.9933, 32.2028, 53.8716

Protanomaly

35.6530, 31.9397, 60.7858

Deuteranomaly

35.8024, 31.9770, 52.4293

Tritanomaly

39.1842, 32.2876, 39.2889

Monochromacy



Original Color

41.9933, 32.2028, 53.8716

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

35.1450, 32.7684, 42.5028

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.9933, 32.2028, 53.8716 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(203, 129, 192)` looks like.

```
.text, #text, p{  
    color:rgb(203, 129, 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(203, 129, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 129, 192) }
```

Border

The CSS property to change the border of an element to XYZ 41.9933, 32.2028, 53.8716 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(203, 129, 192) }
```


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

```
.border{ border-color:rgb(203, 129, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 129, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 129, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 129, 192);  
box-shadow:4px 4px 4px 4px rgb(203, 129,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 41.9933, 32.2028, 53.8716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 129, 192) }
```

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

```
.background{ background-color: rgb(203,  
129, 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](#).

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