

Converting Colors

XYZ(40.6580, 32.6882, 36.9674)

Have a look what the booklet for
XYZ(40.6580, 32.6882, 36.9674)
contains.

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Color

**XYZ(40.6580, 32.6882,
36.9674)**

Conversions

Conversions Part 1

Format	Color
Hex	D0859F
RGB	208, 133, 159
RGB Percent	82%, 52%, 62%
CMY	0.1843, 0.4784, 0.3765
CMYK	0.00, 0.36, 0.24, 0.18
HSL	339°, 44%, 67%
HSV	339°, 36%, 82%
XYZ	40.6580, 32.6882, 36.9674
YIQ	158.3890, 36.3540, 23.9860

Conversions

Conversions Part 2

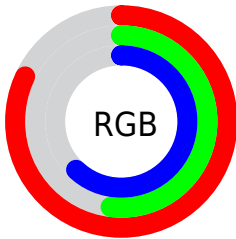
Format	Color
R _Y B	208, 133, 159
Decimal	13665695
CIE Lab	63.91, 32.31, -1.75
CIE LCh	64, 32.356, 356.895
Yxy	32.6882, 0.3686, 0.2963
Android (android.graphics.Color)	4291855775 (0xFFD0859F)
YUV	158.3890, 0.3012, 43.5088
Hunter-Lab	57.1736, 26.8834, 1.6857

Details

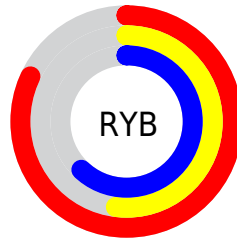
The XYZ color **40.6580, 32.6882, 36.9674** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.6738, 53.4766, 52.4370**, and the grayscale version is **32.6640, 34.3651, 37.4236**.

A 20% lighter version of the original color is **71.1479, 61.6557, 71.7692**, and **18.6730, 13.7927, 15.8654** is the 20% darker color. If you saturate the color by 10%, you get **36.9720, 27.1007, 30.2367**, and if you desaturate by 10%, it is **45.0394, 39.4583, 44.5704**.

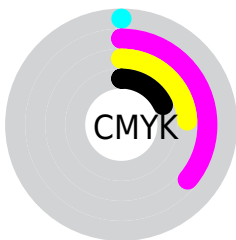
Distribution



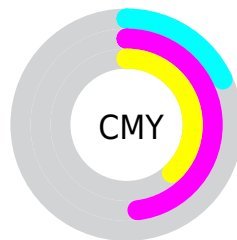
- Red (82%)
- Green (52%)
- Blue (62%)



- Red (82%)
- Yellow (52%)
- Blue (62%)



- Cyan (0%)
- Magenta (36%)
- Yellow (24%)
- Black (18%)





- Cyan (18%)
- Magenta (48%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.6580, 32.6882, 36.9674 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 40.6580, 32.6882, 36.9674 by changing the saturation by 10% instead.


 40.6580, 32.6882,
36.9674


 40.6580, 32.6882,
36.9674


339.9763,
314.2424, 348.3338


 28.2384, 21.8877,
24.8867


 75.4424, 63.8884,
71.7084

 18.6468, 13.7744,
15.7744


 98.5380, 85.0569,
95.2058

 11.5179, 7.9639,
9.2120


 125.9230,
110.4502, 123.3457

 6.4861, 4.0719,
4.7810

157.9628,
140.4527, 156.5469

 3.1863, 1.7138,
2.0629

195.0226,
175.4488, 195.2277

 1.2530, 0.4326,
0.5935

237.4679,

 0.1476, 0.0000,

215.8228, 239.8068

0.0000

285.6640,
261.9592, 290.7026

■ 0.0000, 0.0000,
0.0000

■ 40.6580, 32.6882,
36.9674

■ 40.6580, 32.6882,
36.9674

■ 36.9720, 27.1007,
30.2367

■ 45.0394, 39.4583,
44.5704

■ 33.9410, 22.6227,
24.3432

■ 50.1481, 47.4695,
53.0749

■ 31.5245, 19.1799,
19.2519


■ 56.0173, 56.7816,
62.5111


■ 29.6762, 16.6871,
14.9246


■ 62.6773, 67.4496,
72.9073


■ 28.3425, 15.0451,
11.3190


■ 70.1569, 79.5250,
84.2903

 27.4575, 14.1304,
8.3869

 77.5814, 91.2535,
96.3855

 27.1855, 13.8791,
7.3939

 79.6831, 92.0942,
107.4530

 79.8226, 92.1500,
108.1874

Harmonies

Analogous

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



38.9961, 32.6882, 51.1197



40.6580, 32.6882, 36.9674



39.5505, 32.6882, 25.4108

Triad

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



40.6580, 32.6882, 36.9674



27.2742, 32.6882, 17.5850



26.5281, 32.6882, 61.0011

Complementary

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



40.6580, 32.6882, 36.9674



40.6738, 53.4766, 52.4370

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.



23.8963, 32.6882, 48.1832



40.6580, 32.6882, 36.9674



24.2966, 32.6882, 23.5776

Square

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



40.6580, 32.6882, 36.9674



31.5458, 32.6882, 15.9653



23.1206, 32.6882, 34.2509



30.5973, 32.6882, 66.9623

Rectangle

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



40.6580, 32.6882, 36.9674



37.4447, 32.6882, 20.2433



23.1206, 32.6882, 34.2509



25.4618, 32.6882, 57.2190

Sweetspot

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



40.6589, 32.6897, 36.9681



83.9337, 82.2661, 91.3256



39.0064, 31.2456, 63.6500



17.6948, 17.1796, 19.1116



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.



40.6589, 32.6897, 36.9681



60.0035, 45.0517, 50.5285



40.2585, 35.1273, 26.8507



11.9755, 11.8749, 13.1467



16.9847, 8.6667, 4.8258



0.9867, 0.4994, 0.4649

Inverse Universe

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



40.6589, 32.6897, 36.9681



60.0035, 45.0517, 50.5285



40.9688, 49.3607, 67.0431



11.9755, 11.8749, 13.1467



16.9847, 8.6667, 4.8258



0.9867, 0.4994, 0.4649

Previews

White Background



This preview shows how the XYZ color 40.6580, 32.6882, 36.9674 looks on a white background.

Color Contrast Check

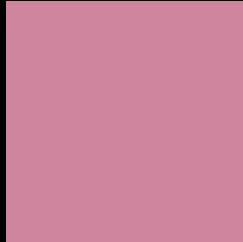
Large Text (above 18pt) WCAG AA × Fail

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 40.6580, 32.6882, 36.9674 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 40.6580, 32.6882, 36.9674

Background



This preview shows how black text looks on a background with the XYZ color 40.6580, 32.6882, 36.9674.



This preview shows how white text looks on a background with the XYZ color 40.6580, 32.6882,

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

40.6580, 32.6882, 36.9674

Protanopia

32.1389, 32.8621, 43.6788

Deuteranopia

33.4847, 32.7590, 36.0108



Tritanopia

39.5844, 32.6687, 31.4135

Trichromacy



Original Color

40.6580, 32.6882, 36.9674

Protanomaly

34.4875, 32.2320, 40.9629

Deuteranomaly

35.8262, 32.5712, 36.2969

Tritanomaly

39.8431, 32.5500, 33.4610

Monochromacy



Original Color

40.6580, 32.6882, 36.9674

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

34.8235, 33.1936, 36.9194

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.6580, 32.6882, 36.9674 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(208, 133, 159)` looks like.

```
.text, #text, p{  
    color:rgb(208, 133, 159)  
}
```

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(208, 133, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 133, 159) }
```

Border

The CSS property to change the border of an element to XYZ 40.6580, 32.6882, 36.9674 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(208, 133, 159) }
```


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

```
.border{ border-color:rgb(208, 133, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 133, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 133, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 133, 159);  
box-shadow:4px 4px 4px 4px rgb(208, 133,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 40.6580, 32.6882, 36.9674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 133, 159) }
```

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

```
.background{ background-color: rgb(208,  
133, 159) }
```

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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