

Converting Colors

XYZ(40.3417, 31.5088, 33.4944)

Have a look what the booklet for
XYZ(40.3417, 31.5088, 33.4944)
contains.

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Color

**XYZ(40.5380, 31.7024,
33.6883)**

Conversions

Conversions Part 1	
Format	Color
Hex	D48098
RGB	212, 128, 152
RGB Percent	83%, 50%, 60%
CMY	0.1686, 0.4980, 0.4039
CMYK	0.00, 0.40, 0.28, 0.17
HSL	343°, 49%, 67%
HSV	343°, 40%, 83%
XYZ	40.5380, 31.7024, 33.6883
YIQ	155.8520, 42.3600, 25.2720

Conversions

Conversions Part 2

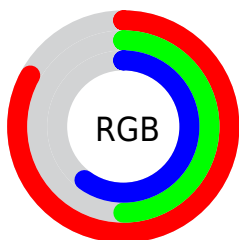
Format	Color
RYB	212, 128, 152
Decimal	13926552
CIELab	63.10, 35.44, 1.10
CIELCh	63, 35.452, 1.782
Yxy	31.7024, 0.3827, 0.2993
Android (android.graphics.Color)	4292116632 (0xFFD48098)
YUV	155.8520, -1.8990, 49.2418
Hunter-Lab	56.3049, 29.9816, 3.9391

Details

The XYZ color **40.5380, 31.7024, 33.6883** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **41.5241, 55.3077, 56.0667**, and the grayscale version is **31.5298, 33.1718, 36.1241**.

A 20% lighter version of the original color is **69.1085, 59.1721, 66.1715**, and **18.5204, 13.2159, 13.8867** is the 20% darker color. If you saturate the color by 10%, you get **36.8940, 26.2740, 26.7400**, and if you desaturate by 10%, it is **44.9198, 38.3525, 41.6645**.

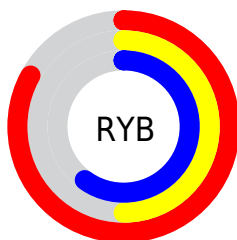
Distribution



Red (83%)

Green (50%)

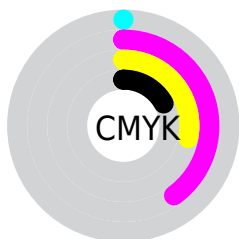
Blue (60%)



Red (83%)

Yellow (50%)

Blue (60%)

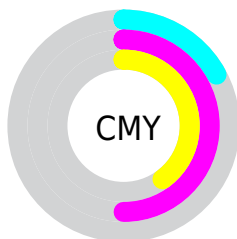


Cyan (0%)

Magenta (40%)

Yellow (28%)

Black (17%)



Cyan (17%)


Magenta (50%)


Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.5380, 31.7024, 33.6883 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 40.5380, 31.7024, 33.6883 by changing the saturation by 10% instead.

 40.5380, 31.7024,
33.6883


 40.5380, 31.7024,
33.6883


339.4816,
309.7613, 333.4666


 28.1443, 21.1343,
22.3788


 75.2612, 62.3443,
66.5770

 18.5755, 13.2222,
13.9345


 98.3215, 83.1868,
88.9933

 11.4661, 7.5817,
7.9369


 125.6680,
108.2229, 115.9490

 6.4509, 3.8285,
3.9674

157.6661,
137.8370, 147.8625

 3.1644, 1.5781,
1.6075

194.6812,
172.4136, 185.1525

 1.2413, 0.3428,
0.2962


237.0785,


 0.1386, 0.0000,


212.3368, 228.2375


0.0000


285.2236,
257.9913, 277.5360


 0.0000, 0.0000,
0.0000


 40.5380, 31.7024,
33.6883


 40.5380, 31.7024,
33.6883


 36.8940, 26.2740,
26.7400


 44.9198, 38.3525,
41.6645

 33.9429, 21.9879,
20.7745


 50.0756, 46.2882,
50.7075


 31.6390, 18.7623,
15.7454


 56.0422, 55.5745,
60.8564


 29.9295, 16.5025,
11.6020


 62.8533, 66.2705,
72.1475


 28.7528, 15.0968,
8.2876

 70.5405, 78.4319,
84.6157

 28.0062, 14.3530,
5.7288

 79.0684, 91.9799,
98.2722

 27.9820, 14.3293,
5.6444

 80.9614, 92.7371,
108.2407

Harmonies

Analogous

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



39.1971, 31.7024, 48.8764



40.5380, 31.7024, 33.6883



38.8499, 31.7024, 22.1925

Triad

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



40.5380, 31.7024, 33.6883



25.4476, 31.7024, 16.3187



25.9025, 31.7024, 64.0887

Complementary

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



40.5380, 31.7024, 33.6883



41.5241, 55.3077, 56.0667

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.



22.8271, 31.7024, 50.7273



40.5380, 31.7024, 33.6883



22.5851, 31.7024, 23.2900

Square

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



40.5380, 31.7024, 33.6883



29.8409, 31.7024, 13.9968



21.6794, 31.7024, 35.3623



30.4254, 31.7024, 69.0238

Rectangle

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



40.5380, 31.7024, 33.6883



36.3297, 31.7024, 17.3937



21.6794, 31.7024, 35.3623



24.6829, 31.7024, 60.2832

Sweetspot

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



40.5389, 31.7039, 33.6889



82.7315, 80.6779, 88.4089



40.0487, 30.7331, 66.1087



17.4454, 16.8590, 18.4788



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.



40.5389, 31.7039, 33.6889



56.6004, 40.7368, 41.7142



41.1436, 35.7469, 25.1554



12.5677, 12.4786, 13.6636



17.3122, 8.8612, 3.6824



1.0797, 0.5487, 0.4093

Inverse Universe

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



40.5389, 31.7039, 33.6889



56.6004, 40.7368, 41.7142



40.3469, 48.4636, 69.5153



12.5677, 12.4786, 13.6636



17.3122, 8.8612, 3.6824



1.0797, 0.5487, 0.4093

Previews

White Background



This preview shows how the XYZ color 40.5380, 31.7024, 33.6883 looks on a white background.

Color Contrast Check

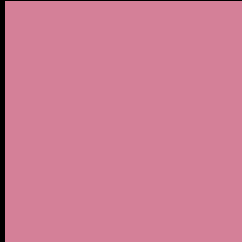
Large Text (above 18pt) WCAG AA × Fail

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 40.5380, 31.7024, 33.6883 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 40.5380, 31.7024, 33.6883

Background



This preview shows how black text looks on a background with the XYZ color 40.5380, 31.7024, 33.6883.



This preview shows how white text looks on a background with the XYZ color 40.5380, 31.7024,

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

40.5380, 31.7024, 33.6883

Protanopia

31.0601, 31.8850, 40.5938

Deuteranopia

32.5128, 31.8640, 32.4537



Tritanopia

39.5802, 31.7076, 28.8450

Trichromacy



Original Color
40.5380, 31.7024, 33.6883

Protanomaly
33.7110, 31.2168, 37.9669

Deuteranomaly
34.9573, 31.5340, 32.6780

Tritanomaly
39.7483, 31.5630, 30.3829

Monochromacy



Original Color
40.5380, 31.7024, 33.6883

Achromatopsia
31.5995, 33.2452, 36.2040

Achromatomaly
34.0998, 32.1544, 35.4195

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.5380, 31.7024, 33.6883 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(212, 128, 152) looks like.

```
.text, #text, p{  
    color:rgb(212, 128, 152)  
}
```

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(212, 128, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 128, 152) }
```

Border

The CSS property to change the border of an element to XYZ 40.5380, 31.7024, 33.6883 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(212, 128, 152) }
```

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

```
.border{ border-color:rgb(212, 128, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 128, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 128, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 128, 152);  
box-shadow:4px 4px 4px 4px rgb(212, 128,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 40.5380, 31.7024, 33.6883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 128, 152) }
```

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

```
.background{ background-color: rgb(212,  
128, 152) }
```

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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