

Converting Colors

XYZ(40.8356, 39.1104, 34.8318)

Have a look what the booklet for
XYZ(40.8356, 39.1104, 34.8318)
contains.

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Color

**XYZ(40.6624, 38.9781,
34.6585)**

Conversions

Conversions Part 1

Format	Color
Hex	C3A097
RGB	195, 160, 151
RGB Percent	76%, 63%, 59%
CMY	0.2353, 0.3725, 0.4078
CMYK	0.00, 0.18, 0.23, 0.24
HSL	12°, 27%, 68%
HSV	12°, 23%, 76%
XYZ	40.6624, 38.9781, 34.6585
YIQ	169.4390, 23.7490, 4.6210

Conversions

Conversions Part 2

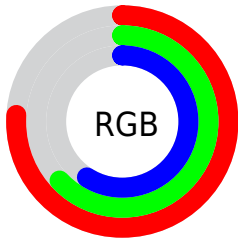
Format	Color
RYB	195, 162, 151
Decimal	12820631
CIELab	68.74, 11.51, 9.54
CIELCh	69, 14.951, 39.643
Yxy	38.9781, 0.3558, 0.3410
Android (android.graphics.Color)	4291010711 (0xFFC3A097)
YUV	169.4390, -9.0904, 22.4170
Hunter-Lab	62.4324, 7.0007, 10.7887

Details

The XYZ color **40.6624, 38.9781, 34.6585** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.1713, 45.6360, 58.3214**, and the grayscale version is **37.9658, 39.9430, 43.4980**.

A 20% lighter version of the original color is **75.4648, 73.7041, 68.0065**, and **18.6473, 17.3079, 14.4145** is the 20% darker color. If you saturate the color by 10%, you get **36.6850, 33.3514, 26.1552**, and if you desaturate by 10%, it is **45.2393, 45.3841, 44.6549**.

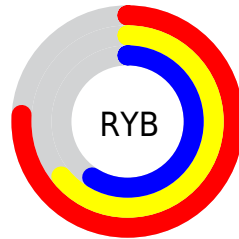
Distribution



Red (76%)

Green (63%)

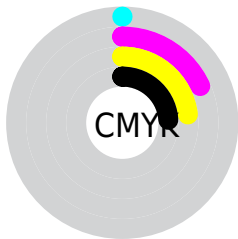
Blue (59%)



Red (76%)

Yellow (64%)

Blue (59%)

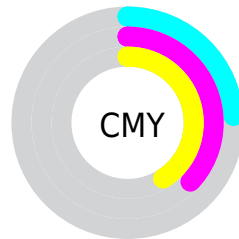


Cyan (0%)

Magenta (18%)

Yellow (23%)

Black (24%)



Cyan (24%)


Magenta (37%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.6624, 38.9781, 34.6585 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 40.6624, 38.9781, 34.6585 by changing the saturation by 10% instead.


 40.6624, 38.9781,
34.6585


 40.6624, 38.9781,
34.6585


339.9944,
341.7974, 337.9167

 28.2419, 26.7427,
23.1185

 75.4491, 73.6049,
68.1019

 18.6495, 17.3801,
14.4749


 98.5460, 96.7650,
90.8425

 11.5198, 10.5058,
8.3092


125.9324,
124.3355, 118.1536

 6.4874, 5.7356,
4.2028

157.9736,
156.7008, 150.4538

 3.1871, 2.6850,
1.7373

195.0351,
194.2452, 188.1617

 1.2535, 0.9696,
0.3861

237.4822,

 0.1480, 0.0000,

237.3532, 231.6958

0.0000

285.6801,
286.4091, 281.4746

■ 0.0000, 0.0000,
0.0000

■ 40.6624, 38.9781,
34.6585

■ 40.6624, 38.9781,
34.6585

■ 36.6850, 33.3514,
26.1552

■ 45.2393, 45.3841,
44.6549

■ 33.2788, 28.4688,
19.0706

■ 50.4363, 52.5921,
56.2089

■ 30.4179, 24.3004,
13.3277

■ 56.2766, 60.6306,
69.3843

■ 28.0729, 20.8123,
8.8411

■ 62.7817, 69.5250,
84.2404

■ 26.2118, 17.9675,
5.5155

■ 69.9716, 79.2998,
100.8338

■ 24.7985, 15.7257,
3.2418

■ 75.7009, 89.1124,
107.8183

■ 23.7915, 14.0413,
1.8898

■ 76.3158, 90.3422,
108.0233

■ 23.2613, 13.1133,
1.3051

Harmonies

Analogous

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



41.7162, 38.9781, 40.2951



40.6624, 38.9781, 34.6585



38.6528, 38.9781, 31.3592

Triad

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



40.6624, 38.9781, 34.6585



32.9437, 38.9781, 38.0675



37.8149, 38.9781, 56.6256

Complementary

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



40.6624, 38.9781, 34.6585



40.1713, 45.6360, 58.3214

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.



35.4873, 38.9781, 55.8659



40.6624, 38.9781, 34.6585



32.7408, 38.9781, 44.6608

Square

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



40.6624, 38.9781, 34.6585



34.2200, 38.9781, 33.1772



33.6535, 38.9781, 51.3081



40.0266, 38.9781, 53.2851

Rectangle

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



40.6624, 38.9781, 34.6585



37.0758, 38.9781, 30.6990



33.6535, 38.9781, 51.3081



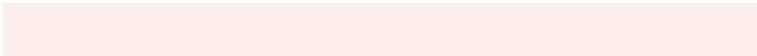
37.0192, 38.9781, 56.8487

Sweetspot

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



40.6635, 38.9799, 34.6593



85.9610, 88.1441, 90.9125



42.4568, 37.2894, 51.5261



18.6986, 19.1280, 19.6288



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.



40.6635, 38.9799, 34.6593



69.2383, 64.7489, 54.3546



44.7789, 47.2109, 36.0311



10.2365, 10.4044, 10.5306



15.1679, 8.6215, 0.8647



0.7056, 0.4731, 0.0541

Inverse Universe

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



40.1713, 45.6360, 58.3214



68.1993, 78.7245, 104.0707



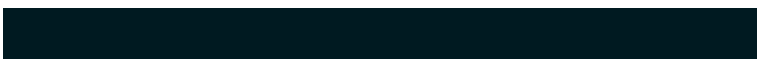
35.9245, 37.1425, 56.9058



10.1879, 11.0671, 12.8840



14.0921, 17.9407, 36.2768



0.6542, 0.8658, 1.5825

Previews

White Background



This preview shows how the XYZ color 40.6624, 38.9781, 34.6585 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 40.6624, 38.9781, 34.6585 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 40.6624, 38.9781, 34.6585

Background



This preview shows how black text looks on a background with the XYZ color 40.6624, 38.9781, 34.6585.



This preview shows how white text looks on a background with the XYZ color 40.6624, 38.9781,

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

40.6624, 38.9781, 34.6585

Protanopia

37.1907, 39.0027, 36.5785

Deuteranopia

39.7414, 39.0222, 34.7156



Tritanopia

42.2444, 38.8488, 42.8082

Trichromacy



Original Color

40.6624, 38.9781, 34.6585

Protanomaly

38.3996, 38.8291, 36.0427

Deuteranomaly

40.0690, 38.9306, 34.6806

Tritanomaly

41.5134, 38.7981, 39.4832

Monochromacy



Original Color

40.6624, 38.9781, 34.6585

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

38.5179, 39.3460, 39.7469

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.6624, 38.9781, 34.6585 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(195, 160, 151)` looks like.

```
.text, #text, p{  
    color:rgb(195, 160, 151)  
}
```

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(195, 160, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 160, 151) }
```

Border

The CSS property to change the border of an element to XYZ 40.6624, 38.9781, 34.6585 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(195, 160, 151) }
```


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

```
.border{ border-color:rgb(195, 160, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 160, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 160, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 160, 151);  
box-shadow:4px 4px 4px 4px rgb(195, 160,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 40.6624, 38.9781, 34.6585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 160, 151) }
```

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

```
.background{ background-color: rgb(195,  
160, 151) }
```

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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