

Converting Colors

XYZ(40.0996, 40.5916, 34.6884)

Have a look what the booklet for
XYZ(40.0996, 40.5916, 34.6884)
contains.

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Color

**XYZ(40.0628, 40.5308,
34.5659)**

Conversions

Conversions Part 1

Format	Color
Hex	BCA796
RGB	188, 167, 150
RGB Percent	74%, 65%, 59%
CMY	0.2627, 0.3451, 0.4118
CMYK	0.00, 0.11, 0.20, 0.26
HSL	27°, 22%, 66%
HSV	27°, 20%, 74%
XYZ	40.0628, 40.5308, 34.5659
YIQ	171.3410, 17.9730, -0.8350

Conversions

Conversions Part 2

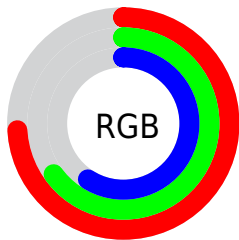
Format	Color
RYB	188, 181, 150
Decimal	12363670
CIELab	69.85, 4.86, 11.58
CIElCh	70, 12.556, 67.204
Yxy	40.5308, 0.3479, 0.3520
Android (android.graphics.Color)	4290553750 (0xFFBCA796)
YUV	171.3410, -10.5211, 14.6099
Hunter-Lab	63.6638, 0.9161, 12.3735

Details

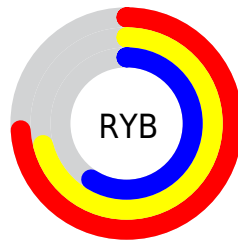
The XYZ color **40.0628, 40.5308, 34.5659** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.2175, 39.2399, 53.2425**, and the grayscale version is **38.9260, 40.9532, 44.5980**.

A 20% lighter version of the original color is **74.6765, 76.0147, 67.8632**, and **18.2144, 18.2307, 14.3632** is the 20% darker color. If you saturate the color by 10%, you get **36.8418, 36.3201, 26.6131**, and if you desaturate by 10%, it is **43.6817, 45.1481, 43.8507**.

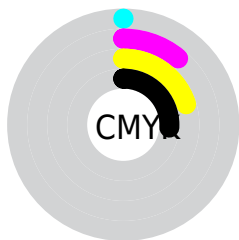
Distribution



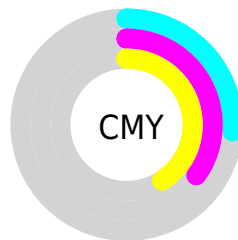
- Red (74%)
- Green (65%)
- Blue (59%)



- Red (74%)
- Yellow (71%)
- Blue (59%)



- Cyan (0%)
- Magenta (11%)
- Yellow (20%)
- Black (26%)





- Cyan (26%)
- Magenta (35%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.0628, 40.5308, 34.5659 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 40.0628, 40.5308, 34.5659 by changing the saturation by 10% instead.


 40.0628, 40.5308,
34.5659


 40.0628, 40.5308,
34.5659


337.5181,
348.3558, 337.4939

 27.7719, 27.9526,
23.0478


 74.5429, 75.9711,
67.9567

 18.2934, 18.2900,
14.4232


 97.4628, 99.6021,
90.6664

 11.2618, 11.1584,
8.2735


124.6564,
127.6861, 117.9438

 6.3118, 6.1735,
4.1802

156.4892,
160.6075, 150.2073

 3.0780, 2.9508,
1.7247

193.3263,
198.7508, 187.8755

 1.1952, 1.1061,
0.3776

235.5333,

 0.1025, 0.0000,

242.5004, 231.3670

0.0000

283.4754,
292.2406, 281.1003

■ 0.0000, 0.0000,
0.0000

■ 40.0628, 40.5308,
34.5659

■ 40.0628, 40.5308,
34.5659

■ 36.8418, 36.3201,
26.6131

■ 43.6817, 45.1481,
43.8507

■ 34.0005, 32.4987,
19.9275

■ 47.7097, 50.1777,
54.5228

■ 31.5236, 29.0561,
14.4430

■ 52.1611, 55.6322,
66.6375

■ 29.3936, 25.9791,
10.0862

■ 57.0489, 61.5219,
80.2466

■ 27.5913, 23.2535,
6.7757

■ 62.3853, 67.8567,
95.3989

■ 26.0951, 20.8640,
4.4187

■ 66.9002, 74.1335,
105.3909

■ 24.8803, 18.7936,
2.9058

■ 69.8666, 80.0662,
106.3797

■ 23.9191, 17.0512,
2.0305

■ 73.0079, 86.3489,
107.4268

■ 74.5492, 89.4314,
107.9406

Harmonies

Analogous

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



41.7320, 40.5308, 37.6826



40.0628, 40.5308, 34.5659



38.0336, 40.5308, 33.9001

Triad

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



40.0628, 40.5308, 34.5659



34.7622, 40.5308, 45.5546



40.9435, 40.5308, 53.6947

Complementary

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



40.0628, 40.5308, 34.5659



36.2175, 39.2399, 53.2425

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.



39.0172, 40.5308, 56.2377



40.0628, 40.5308, 34.5659



35.4835, 40.5308, 51.2764

Square

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



40.0628, 40.5308, 34.5659



35.0200, 40.5308, 39.9211



37.0238, 40.5308, 55.3159



42.2529, 40.5308, 48.6273

Rectangle

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



40.0628, 40.5308, 34.5659



36.7582, 40.5308, 34.8770



37.0238, 40.5308, 55.3159



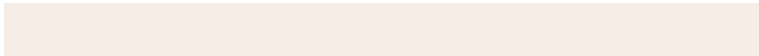
40.3441, 40.5308, 54.8925

Sweetspot

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



40.0639, 40.5326, 34.5668



82.0780, 85.4817, 87.1191



39.0475, 35.4653, 43.5831



17.5497, 18.2562, 18.4683



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



40.0639, 40.5326, 34.5668



70.0824, 70.1795, 56.3334



43.6912, 47.7873, 35.7759



9.8722, 10.2203, 10.0290



16.3572, 11.7532, 1.4065



0.7060, 0.5910, 0.0769

Inverse Universe

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



36.2175, 39.2399, 53.2425



61.9163, 67.4336, 95.9788



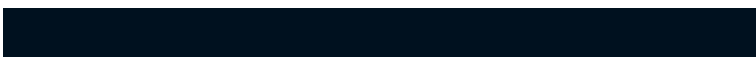
32.9703, 32.7455, 52.1601



9.4417, 10.0757, 12.1194



9.6173, 9.3463, 33.6900



0.4411, 0.4949, 1.3411

Previews

White Background



This preview shows how the XYZ color 40.0628, 40.5308, 34.5659 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 40.0628, 40.5308, 34.5659 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

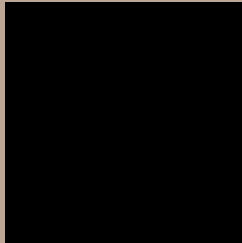
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.0628, 40.5308, 34.5659

Background



This preview shows how black text looks on a background with the XYZ color 40.0628, 40.5308, 34.5659.



This preview shows how white text looks on a background with the XYZ color 40.0628, 40.5308,

34.5659.

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

40.0628, 40.5308, 34.5659

Protanopia

38.4023, 40.4814, 35.4954

Deuteranopia

41.4658, 40.7144, 34.5273



Tritanopia

42.4195, 40.4053, 46.6376

Trichromacy



Original Color

40.0628, 40.5308, 34.5659

Protanomaly

39.0653, 40.5554, 35.0472

Deuteranomaly

40.8795, 40.6809, 34.5518

Tritanomaly

41.4857, 40.2881, 42.1491

Monochromacy



Original Color

40.0628, 40.5308, 34.5659

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

39.1170, 40.7409, 40.4524

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.0628, 40.5308, 34.5659 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(188, 167, 150)` looks like.

```
.text, #text, p{  
    color:rgb(188, 167, 150)  
}
```

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(188, 167, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 167, 150) }
```

Border

The CSS property to change the border of an element to XYZ 40.0628, 40.5308, 34.5659 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(188, 167, 150) }
```


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

```
.border{ border-color:rgb(188, 167, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 167, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 167, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 167, 150);  
box-shadow:4px 4px 4px 4px rgb(188, 167,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 40.0628, 40.5308, 34.5659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 167, 150) }
```

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

```
.background{ background-color: rgb(188,  
167, 150) }
```

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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