

Converting Colors

XYZ(39.5499, 40.6200, 30.9562)

Have a look what the booklet for
XYZ(39.5499, 40.6200, 30.9562)
contains.

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Color

**XYZ(39.5494, 40.6197,
30.9552)**

Conversions

Conversions Part 1

Format	Color
Hex	BCA88D
RGB	188, 168, 141
RGB Percent	74%, 66%, 55%
CMY	0.2627, 0.3412, 0.4471
CMYK	0.00, 0.11, 0.25, 0.26
HSL	34°, 26%, 65%
HSV	34°, 25%, 74%
XYZ	39.5494, 40.6197, 30.9552
YIQ	170.9020, 20.5870, -4.1570

Conversions

Conversions Part 2

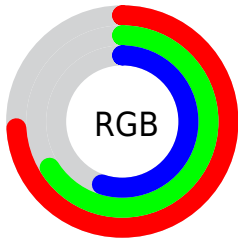
Format	Color
R _{YB}	176, 188, 141
Decimal	12363917
CIE Lab	69.91, 2.99, 16.61
CIE LCh	70, 16.876, 79.808
Yxy	40.6197, 0.3559, 0.3655
Android (android.graphics.Color)	4290553997 (0xFFBCA88D)
YUV	170.9020, -14.7417, 14.9949
Hunter-Lab	63.7336, -0.7669, 15.8165

Details

The XYZ color **39.5494, 40.6197, 30.9552** is a light color, and the websafe version is hex **999966**. A complement of this color would be **32.8063, 34.7824, 52.5618**, and the grayscale version is **38.7248, 40.7415, 44.3675**.

A 20% lighter version of the original color is **73.8942, 76.1280, 62.4293**, and **17.9652, 18.3144, 12.4857** is the 20% darker color. If you saturate the color by 10%, you get **36.8364, 37.2453, 23.7254**, and if you desaturate by 10%, it is **42.5929, 44.2745, 39.4676**.

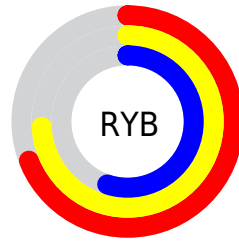
Distribution



Red (74%)

Green (66%)

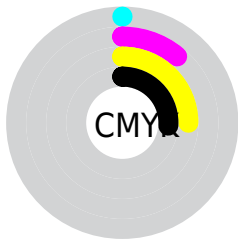
Blue (55%)



Red (69%)

Yellow (74%)

Blue (55%)

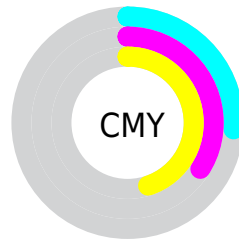


Cyan (0%)

Magenta (11%)

Yellow (25%)

Black (26%)



Cyan (26%)

Magenta (34%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.5494, 40.6197, 30.9552 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 39.5494, 40.6197, 30.9552 by changing the saturation by 10% instead.


 39.5494, 40.6197,
30.9552


 39.5494, 40.6197,
30.9552


335.3878,
348.7286, 320.6767


 27.3700, 28.0220,
20.3066


 73.7656, 76.1063,
62.2483

 17.9893, 18.3423,
12.4318

 96.5331, 99.7639,
83.7298

 11.0420, 11.1960,
6.9124

 123.5607,
127.8771, 109.6594

 6.1626, 6.1988,
3.3297

155.2138,
160.8301, 140.4555

 2.9858, 2.9664,
1.2654

191.8577,
199.0074, 176.5368

 1.1463, 1.1142,
0.0332

233.8577,

 0.0633, 0.0000,

242.7933, 218.3217

0.0000

281.5793,
292.5722, 266.2288

■ 0.0000, 0.0000,
0.0000

■ 39.5494, 40.6197,
30.9552

■ 39.5494, 40.6197,
30.9552

■ 36.8364, 37.2453,
23.7254

■ 42.5929, 44.2745,
39.4676

■ 34.4370, 34.1377,
17.7120

■ 45.9764, 48.2117,
49.3194

■ 32.3377, 31.2903,
12.8468

■ 49.7129, 52.4404,
60.5667

■ 30.5223, 28.6938,
9.0533

■ 53.8139, 56.9676,
73.2620

■ 28.9730, 26.3382,
6.2462

■ 58.2900, 61.8000,
87.4549

■ 27.6693, 24.2125,
4.3264

■ 63.1515, 66.9440,
103.1925

■ 26.5865, 22.3037,
3.1737

■ 65.4432, 71.2196,
104.9053

■ 26.1034, 21.4198,
2.7586

■ 67.6437, 75.6205,
105.6388

■ 69.9466, 80.2264,
106.4064

Harmonies

Analogous

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



42.1155, 40.6197, 33.6559



39.5494, 40.6197, 30.9552



36.8466, 40.6197, 31.4751

Triad

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



39.5494, 40.6197, 30.9552



33.8514, 40.6197, 49.5511



42.7820, 40.6197, 54.7190

Complementary

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



39.5494, 40.6197, 30.9552



32.8063, 34.7824, 52.5618

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.



40.4243, 40.6197, 60.0300



39.5494, 40.6197, 30.9552



35.3005, 40.6197, 56.8101

Square

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



39.5494, 40.6197, 30.9552



33.6421, 40.6197, 41.6065



37.6813, 40.6197, 60.8377



44.0396, 40.6197, 46.9573

Rectangle

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



39.5494, 40.6197, 30.9552



35.3260, 40.6197, 33.6016



37.6813, 40.6197, 60.8377



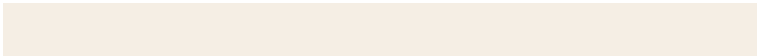
42.0868, 40.6197, 56.8872

Sweetspot

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



39.5505, 40.6215, 30.9560



81.9753, 85.8231, 85.3994



36.7297, 32.3278, 38.1925



17.5474, 18.3623, 18.1268



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.



39.5505, 40.6215, 30.9560



68.9056, 70.1987, 48.6262



42.7667, 48.1875, 32.2469



9.9729, 10.4219, 10.0626



17.8473, 14.7335, 1.9032



0.7627, 0.7043, 0.0957

Inverse Universe

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



32.8063, 34.7824, 52.5618



54.5868, 57.8044, 94.5065



30.1274, 28.6224, 51.5140



9.3412, 9.8747, 12.0859



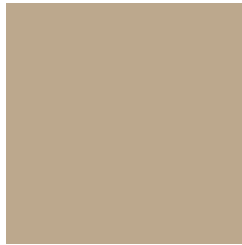
8.2030, 6.5178, 33.2186



0.3862, 0.3852, 1.3228

Previews

White Background



This preview shows how the XYZ color 39.5494, 40.6197, 30.9552 looks on a white background.

Color Contrast Check

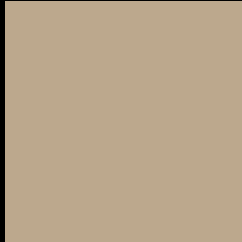
Large Text (above 18pt) WCAG AA × Fail

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 39.5494, 40.6197, 30.9552 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

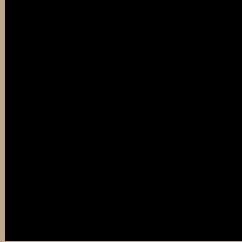
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.5494, 40.6197, 30.9552

Background



This preview shows how black text looks on a background with the XYZ color 39.5494, 40.6197, 30.9552.



This preview shows how white text looks on a background with the XYZ color 39.5494, 40.6197,

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

39.5494, 40.6197, 30.9552

Protanopia

38.2678, 40.7821, 31.4460

Deuteranopia

41.4466, 40.5097, 31.2259



Tritanopia

42.6719, 40.5354, 46.6494

Trichromacy



Original Color

39.5494, 40.6197, 30.9552

Protanomaly

38.7856, 40.7697, 31.4163

Deuteranomaly

40.5858, 40.3326, 31.2371

Tritanomaly

41.5519, 40.6310, 40.3029

Monochromacy



Original Color

39.5494, 40.6197, 30.9552

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

38.8514, 40.6346, 39.0533

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5494, 40.6197, 30.9552 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, 168, 141)` looks like.

```
.text, #text, p{  
    color:rgb(188, 168, 141)  
}
```

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, 168, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 168, 141) }
```

Border

The CSS property to change the border of an element to XYZ 39.5494, 40.6197, 30.9552 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, 168, 141) }
```


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

```
.border{ border-color:rgb(188, 168, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 168, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 168, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 168, 141);  
box-shadow:4px 4px 4px 4px rgb(188, 168,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5494, 40.6197, 30.9552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 168, 141) }
```

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

```
.background{ background-color: rgb(188,  
168, 141) }
```

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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