

Converting Colors

XYZ(40.6782, 38.6502, 27.4910)

Have a look what the booklet for
XYZ(40.6782, 38.6502, 27.4910)
contains.

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Color

**XYZ(40.5479, 38.5647,
27.4969)**

Conversions

Conversions Part 1

Format	Color
Hex	C99E85
RGB	201, 158, 133
RGB Percent	79%, 62%, 52%
CMY	0.2118, 0.3804, 0.4784
CMYK	0.00, 0.21, 0.34, 0.21
HSL	22°, 39%, 65%
HSV	22°, 34%, 79%
XYZ	40.5479, 38.5647, 27.4969
YIQ	168.0070, 33.6530, 1.3410

Conversions

Conversions Part 2

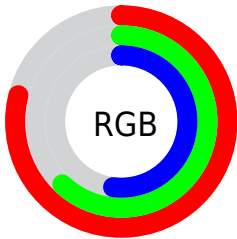
Format	Color
R_{YB}	201, 173, 133
Decimal	13213317
CIE _{Lab}	68.43, 12.45, 19.16
CIE _{LCh}	68, 22.853, 56.976
Yxy	38.5647, 0.3803, 0.3617
Android (android.graphics.Color)	4291403397 (0xFFC99E85)
YUV	168.0070, -17.2585, 28.9349
Hunter-Lab	62.1005, 7.8740, 17.2179

Details

The XYZ color **40.5479, 38.5647, 27.4969** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.7403, 40.2529, 61.1443**, and the grayscale version is **37.2942, 39.2364, 42.7285**.

A 20% lighter version of the original color is **73.8972, 72.3937, 56.5329**, and **18.6731, 17.2509, 10.5292** is the 20% darker color. If you saturate the color by 10%, you get **37.2332, 33.9490, 20.1841**, and if you desaturate by 10%, it is **44.3545, 43.7387, 36.2856**.

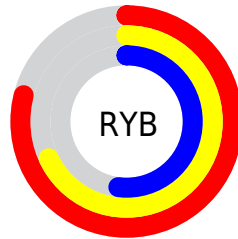
Distribution



Red (79%)

Green (62%)

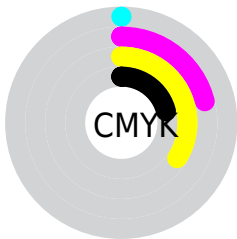
Blue (52%)



Red (79%)

Yellow (68%)

Blue (52%)

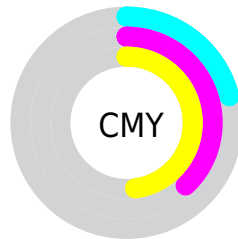


Cyan (0%)

Magenta (21%)

Yellow (34%)

Black (21%)



Cyan (21%)


Magenta (38%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.5479, 38.5647, 27.4969 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 40.5479, 38.5647, 27.4969 by changing the saturation by 10% instead.


 40.5479, 38.5647,
27.4969


 40.5479, 38.5647,
27.4969


339.5225,
340.0362, 303.8910

 28.1521, 26.4213,
17.7110


 75.2762, 72.9729,
56.6936

 18.5814, 17.1391,
10.5754


 98.3393, 96.0064,
76.9415

 11.4704, 10.3337,
5.6716


 125.6890,
123.4387, 101.5139

 6.4538, 5.6208,
2.5809

157.6906,
155.6542, 130.8292

 3.1662, 2.6159,
0.8826

194.7093,
193.0373, 165.3060

 1.2422, 0.9347,
0.0000

237.1107,

 0.1393, 0.0000,

235.9724, 205.3629

0.0000

285.2599,
284.8439, 251.4184

0.0000, 0.0000,
0.0000

40.5479, 38.5647,
27.4969

40.5479, 38.5647,
27.4969

37.2332, 33.9490,
20.1841

44.3545, 43.7387,
36.2856

34.3855, 29.8666,
14.2623

48.6707, 49.4843,
46.6236

31.9820, 26.2983,
9.6420


53.5165, 55.8208,
58.5823


29.9962, 23.2216,
6.2215


58.9102, 62.7651,
72.2282

28.3987, 20.6120,
3.8842


64.8691, 70.3334,
87.6235

 27.1548, 18.4422,
2.4893

 71.4097, 78.5411,
104.8278

 26.5302, 17.3031,
1.9415

 75.3885, 86.1397,
107.2610

 77.8974, 91.1575,
108.0973

Harmonies

Analogous

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



43.1589, 38.5647, 33.6439



40.5479, 38.5647, 27.4969



37.0201, 38.5647, 25.1770

Triad

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



40.5479, 38.5647, 27.4969



30.1827, 38.5647, 40.9557



39.8768, 38.5647, 62.1941

Complementary

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



40.5479, 38.5647, 27.4969



35.7403, 40.2529, 61.1443

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.



36.2915, 38.5647, 64.9950



40.5479, 38.5647, 27.4969



30.8390, 38.5647, 51.6144

Square

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



40.5479, 38.5647, 27.4969



31.1648, 38.5647, 32.1090



33.0188, 38.5647, 60.8483



42.7540, 38.5647, 53.7158

Rectangle

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



40.5479, 38.5647, 27.4969



34.6754, 38.5647, 25.7747



33.0188, 38.5647, 60.8483



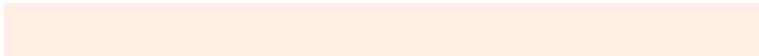
38.7077, 38.5647, 63.8853

Sweetspot

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



40.5489, 38.5665, 27.4977



86.2832, 88.6059, 87.0503



40.3183, 32.3302, 45.2245



18.2208, 18.6407, 18.0254



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.



40.5489, 38.5665, 27.4977



64.9562, 59.8262, 37.1686



47.1562, 51.7811, 29.7001



10.9479, 11.2650, 11.1601



16.7617, 11.0405, 1.2476



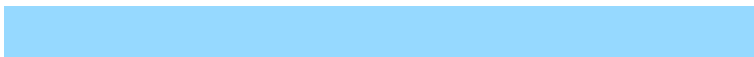
0.8627, 0.6608, 0.0821

Inverse Universe

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



35.7403, 40.2529, 61.1443



55.4092, 63.1438, 103.8753



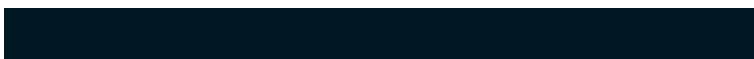
29.8988, 28.5699, 59.1971



10.6062, 11.3864, 13.5563



11.4979, 12.3898, 36.5298



0.6119, 0.7215, 1.7522

Previews

White Background



This preview shows how the XYZ color 40.5479, 38.5647, 27.4969 looks on a white background.

Color Contrast Check

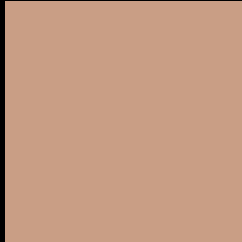
Large Text (above 18pt) WCAG AA × Fail

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 40.5479, 38.5647, 27.4969 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

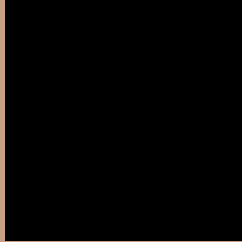
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.5479, 38.5647, 27.4969

Background



This preview shows how black text looks on a background with the XYZ color 40.5479, 38.5647, 27.4969.



This preview shows how white text looks on a background with the XYZ color 40.5479, 38.5647,

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

40.5479, 38.5647, 27.4969

Protanopia

36.4655, 38.7907, 29.2323

Deuteranopia

39.3101, 38.4372, 27.5375



Tritanopia

43.0846, 38.3364, 40.7262

Trichromacy



Original Color

40.5479, 38.5647, 27.4969

Protanomaly

37.9691, 38.7676, 28.7743

Deuteranomaly

39.6577, 38.3600, 27.5043

Tritanomaly

42.0997, 38.4391, 35.3376

Monochromacy



Original Color

40.5479, 38.5647, 27.4969

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

38.0142, 38.6208, 36.4613

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.5479, 38.5647, 27.4969 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(201, 158, 133)` looks like.

```
.text, #text, p{  
    color:rgb(201, 158, 133)  
}
```

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(201, 158, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 158, 133) }
```

Border

The CSS property to change the border of an element to XYZ 40.5479, 38.5647, 27.4969 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(201, 158, 133) }
```


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

```
.border{ border-color:rgb(201, 158, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 158, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 158, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 158, 133);  
box-shadow:4px 4px 4px 4px rgb(201, 158,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 40.5479, 38.5647, 27.4969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 158, 133) }
```

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

```
.background{ background-color: rgb(201,  
158, 133) }
```

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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