

Converting Colors

XYZ(38.9121, 39.4929, 27.7695)

Have a look what the booklet for
XYZ(38.9121, 39.4929, 27.7695)
contains.

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Color

**XYZ(38.9240, 39.5509,
27.7729)**

Conversions

Conversions Part 1

Format	Color
Hex	BEA585
RGB	190, 165, 133
RGB Percent	75%, 65%, 52%
CMY	0.2549, 0.3529, 0.4784
CMYK	0.00, 0.13, 0.30, 0.25
HSL	34°, 30%, 63%
HSV	34°, 30%, 75%
XYZ	38.9240, 39.5509, 27.7729
YIQ	168.8270, 25.1720, -4.6520

Conversions

Conversions Part 2

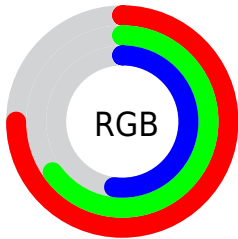
Format	Color
RYB	178, 190, 133
Decimal	12494213
CIELab	69.15, 4.28, 19.97
CIElCh	69, 20.424, 77.890
Yxy	39.5509, 0.3664, 0.3723
Android (android.graphics.Color)	4290684293 (0xFFBEA585)
YUV	168.8270, -17.6627, 18.5687
Hunter-Lab	62.8895, 0.4218, 17.8393

Details

The XYZ color **38.9240, 39.5509, 27.7729** is a light color, and the websafe version is hex **999966**. A complement of this color would be **31.1937, 33.1570, 53.4712**, and the grayscale version is **37.7032, 39.6667, 43.1971**.

A 20% lighter version of the original color is **72.8139, 74.5057, 56.9977**, and **17.6198, 17.6690, 10.6654** is the 20% darker color. If you saturate the color by 10%, you get **36.2743, 36.1655, 20.9888**, and if you desaturate by 10%, it is **41.9111, 43.2307, 35.8418**.

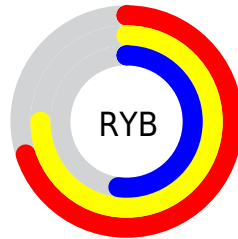
Distribution



Red (75%)

Green (65%)

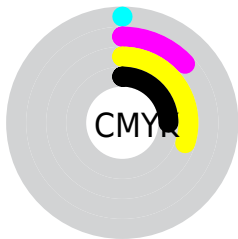
Blue (52%)



Red (70%)

Yellow (75%)

Blue (52%)

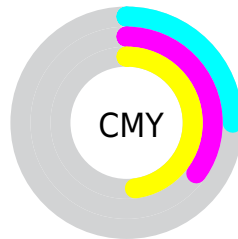


Cyan (0%)

Magenta (13%)

Yellow (30%)

Black (25%)



Cyan (25%)


Magenta (35%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.9240, 39.5509, 27.7729 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 38.9240, 39.5509, 27.7729 by changing the saturation by 10% instead.


 38.9240, 39.5509,
27.7729


 38.9240, 39.5509,
27.7729


332.7800,
344.2270, 305.2579


 26.8811, 27.1886,
17.9170


 72.8170, 74.4792,
57.1404

 17.6200, 17.7149,
10.7216


 95.3978, 97.8139,
77.4891

 10.7756, 10.7455,
5.7681


 122.2219,
125.5748, 102.1724

 5.9823, 5.8960,
2.6381

153.6548,
158.1464, 131.6089

 2.8749, 2.7819,
0.9120

190.0616,
195.9130, 166.2172

 1.0879, 1.0190,
0.0000

231.8079,

 0.0150, 0.0000,

239.2591, 206.4157

0.0000

279.2589,
288.5689, 252.6231

■ 0.0000, 0.0000,
0.0000

■ 38.9240, 39.5509,
27.7729

■ 38.9240, 39.5509,
27.7729

■ 36.2743, 36.1655,
20.9888

■ 41.9111, 43.2307,
35.8418

■ 33.9444, 33.0604,
15.4191

■ 45.2463, 47.2079,
45.2562

■ 31.9192, 30.2278,
10.9900

■ 48.9433, 51.4922,
56.0755

■ 30.1813, 27.6577,
7.6188

■ 53.0143, 56.0912,
68.3552

■ 28.7110, 25.3388,
5.2115

■ 57.4708, 61.0121,
82.1474

■ 27.4850, 23.2587,
3.6569

■ 62.3236, 66.2619,
97.5020

■ 26.4598, 21.3962,
2.7353

■ 65.7608, 71.1184,
104.8690

■ 26.4597, 21.3961,
2.7353

■ 68.0464, 75.6895,
105.6309

■ 70.4432, 80.4830,
106.4298

Harmonies

Analogous

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



41.9592, 39.5509, 31.0594



38.9240, 39.5509, 27.7729



35.6969, 39.5509, 28.1245

Triad

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



38.9240, 39.5509, 27.7729



31.9303, 39.5509, 48.8246



42.4425, 39.5509, 56.2757

Complementary

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



38.9240, 39.5509, 27.7729



31.1937, 33.1570, 53.4712

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.



39.5529, 39.5509, 62.5329



38.9240, 39.5509, 27.7729



33.5387, 39.5509, 57.8212

Square

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



38.9240, 39.5509, 27.7729



31.7837, 39.5509, 39.4025



36.2906, 39.5509, 63.1363



44.0680, 39.5509, 46.9460

Rectangle

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



38.9240, 39.5509, 27.7729



33.8680, 39.5509, 30.3801



36.2906, 39.5509, 63.1363



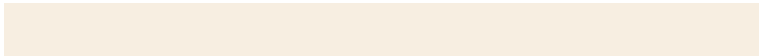
41.5794, 39.5509, 58.8630

Sweetspot

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



38.9250, 39.5527, 27.7737



82.5387, 86.1882, 83.5832



35.8507, 30.2138, 36.5846



17.9184, 18.6837, 17.7602



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



38.9250, 39.5527, 27.7737



67.3085, 67.5757, 41.9810



43.1776, 49.1043, 29.3932



9.9625, 10.4010, 10.0591



17.6734, 14.3857, 1.8452



0.7564, 0.6917, 0.0936

Inverse Universe

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



31.1937, 33.1570, 53.4712



51.0495, 54.1299, 96.0367



27.8113, 25.7150, 52.2130



9.3515, 9.8953, 12.0893



8.3287, 6.7691, 33.2605



0.3914, 0.3955, 1.3246

Previews

White Background



This preview shows how the XYZ color 38.9240, 39.5509, 27.7729 looks on a white background.

Color Contrast Check

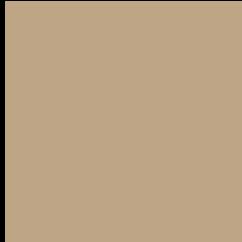
Large Text (above 18pt) WCAG AA × Fail

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 38.9240, 39.5509, 27.7729 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 38.9240, 39.5509, 27.7729

Background



This preview shows how black text looks on a background with the XYZ color 38.9240, 39.5509, 27.7729.



This preview shows how white text looks on a background with the XYZ color 38.9240, 39.5509,

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

38.9240, 39.5509, 27.7729

Protanopia

37.1515, 39.7089, 28.6282

Deuteranopia

40.2494, 39.4322, 28.0441



Tritanopia

42.2653, 39.5895, 44.4436

Trichromacy



Original Color

38.9240, 39.5509, 27.7729

Protanomaly

37.8341, 39.7938, 28.2411

Deuteranomaly

39.6484, 39.3850, 28.0666

Tritanomaly

41.0842, 39.6467, 37.8350

Monochromacy



Original Color

38.9240, 39.5509, 27.7729

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

38.1348, 39.7527, 37.1156

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.9240, 39.5509, 27.7729 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(190, 165, 133)` looks like.

```
.text, #text, p{  
    color:rgb(190, 165, 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(190, 165, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 165, 133) }
```

Border

The CSS property to change the border of an element to XYZ 38.9240, 39.5509, 27.7729 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(190, 165, 133) }
```


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

```
.border{ border-color:rgb(190, 165, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 165, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 165, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 165, 133);  
box-shadow:4px 4px 4px 4px rgb(190, 165,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 38.9240, 39.5509, 27.7729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 165, 133) }
```

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

```
.background{ background-color: rgb(190,  
165, 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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