

Converting Colors

XYZ(38.7037, 39.3961, 29.2312)

Have a look what the booklet for
XYZ(38.7037, 39.3961, 29.2312)
contains.

XYZ(38.7095, 39.4078, 29.2332)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(38.7095, 39.4078,
29.2332)**

Conversions

Conversions Part 1

Format	Color
Hex	BCA589
RGB	188, 165, 137
RGB Percent	74%, 65%, 54%
CMY	0.2627, 0.3529, 0.4627
CMYK	0.00, 0.12, 0.27, 0.26
HSL	33°, 28%, 64%
HSV	33°, 27%, 74%
XYZ	38.7095, 39.4078, 29.2332
YIQ	168.6850, 22.6960, -3.8320

Conversions

Conversions Part 2

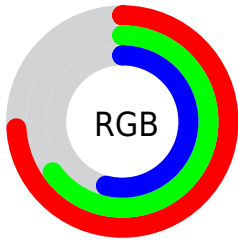
Format	Color
R _Y B	179, 188, 137
Decimal	12363145
CIE Lab	69.05, 4.04, 17.61
CIE LCh	69, 18.066, 77.062
Yxy	39.4078, 0.3606, 0.3671
Android (android.graphics.Color)	4290553225 (0xFFBCA589)
YUV	168.6850, -15.6207, 16.9393
Hunter-Lab	62.7756, 0.2116, 16.3329

Details

The XYZ color **38.7095, 39.4078, 29.2332** is a light color, and the websafe version is hex **999966**. A complement of this color would be **31.9641, 34.0898, 52.4723**, and the grayscale version is **37.6242, 39.5835, 43.1065**.

A 20% lighter version of the original color is **72.5437, 74.3166, 59.2363**, and **17.4569, 17.5667, 11.4875** is the 20% darker color. If you saturate the color by 10%, you get **35.9983, 35.9587, 22.2458**, and if you desaturate by 10%, it is **41.7591, 43.1572, 37.4937**.

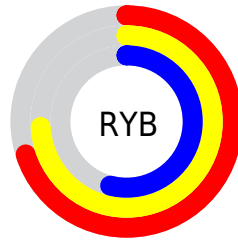
Distribution



Red (74%)

Green (65%)

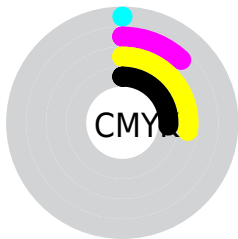
Blue (54%)



Red (70%)

Yellow (74%)

Blue (54%)

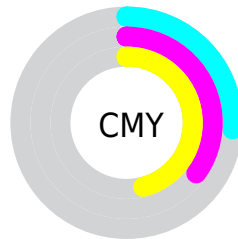


Cyan (0%)

Magenta (12%)

Yellow (27%)

Black (26%)



Cyan (26%)


Magenta (35%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.7095, 39.4078, 29.2332 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 38.7095, 39.4078, 29.2332 by changing the saturation by 10% instead.


 38.7095, 39.4078,
29.2332

 38.7095, 39.4078,
29.2332


331.8823,
343.6212, 312.4090


 26.7135, 27.0771,
19.0102


 72.4912, 74.2609,
59.4940

 17.4937, 17.6311,
11.5008


 95.0077, 97.5521,
80.3689

 10.6846, 10.6855,
6.2863


 121.7617,
125.2656, 105.6315

 5.9209, 5.8558,
2.9484

153.1186,
157.7857, 135.7003

 2.8372, 2.7576,
1.0683

189.4438,
195.4970, 170.9939

 1.0683, 1.0065,
0.0000

231.1025,

 0.0000, 0.0000,

238.7837, 211.9309

0.0000

278.4603,
288.0303, 258.9297

■ 38.7095, 39.4078,
29.2332

■ 38.7095, 39.4078,
29.2332

■ 35.9983, 35.9587,
22.2458

■ 41.7591, 43.1572,
37.4937

■ 33.6084, 32.7958,
16.4641

■ 45.1573, 47.2098,
47.0849

■ 31.5253, 29.9115,
11.8184

■ 48.9175, 51.5754,
58.0641

■ 29.7325, 27.2958,
8.2305

■ 53.0514, 56.2616,
70.4842

■ 28.2111, 24.9378,
5.6122

■ 57.5703, 61.2755,
84.3955

■ 26.9396, 22.8252,
3.8610

■ 62.4848, 66.6242,
99.8458

■ 25.8884, 20.9427,
2.8330

■ 65.5370, 71.4073,
104.9366

■ 25.6123, 20.4379,
2.5950

■ 67.8770, 76.0873,
105.7166

■ 70.3323, 80.9978,
106.5350

Harmonies

Analogous

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



41.3563, 39.4078, 32.3135



38.7095, 39.4078, 29.2332



35.8545, 39.4078, 29.4625

Triad

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



38.7095, 39.4078, 29.2332



32.4075, 39.4078, 47.7320



41.6581, 39.4078, 54.6440

Complementary

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



38.7095, 39.4078, 29.2332



31.9641, 34.0898, 52.4723

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.



39.1044, 39.4078, 59.9257



38.7095, 39.4078, 29.2332



33.8089, 39.4078, 55.5978

Square

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



38.7095, 39.4078, 29.2332



32.3139, 39.4078, 39.4546



36.2297, 39.4078, 60.2956



43.1164, 39.4078, 46.5580

Rectangle

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



38.7095, 39.4078, 29.2332



34.2166, 39.4078, 31.4563



36.2297, 39.4078, 60.2956



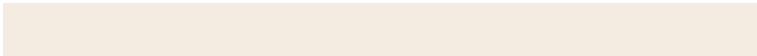
40.8935, 39.4078, 56.8490

Sweetspot

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



38.7105, 39.4096, 29.2340



81.1933, 84.7980, 83.4771



36.1004, 31.1493, 37.7359



17.2534, 17.9910, 17.3608



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.



38.7105, 39.4096, 29.2340



66.9361, 67.3521, 44.6019



42.8214, 48.2494, 30.7236



9.9526, 10.3813, 10.0559



17.5133, 14.0654, 1.7918



0.7505, 0.6799, 0.0917

Inverse Universe

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



31.9641, 34.0898, 52.4723



52.5207, 55.9878, 94.2648



28.6206, 26.9859, 51.2773



9.3612, 9.9147, 12.0926



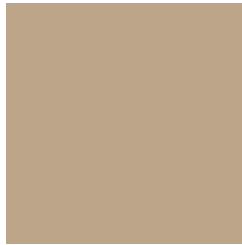
8.4517, 7.0151, 33.3015



0.3964, 0.4055, 1.3262

Previews

White Background



This preview shows how the XYZ color 38.7095, 39.4078, 29.2332 looks on a white background.

Color Contrast Check

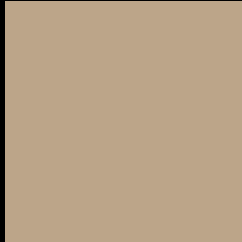
Large Text (above 18pt) WCAG AA × Fail

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 38.7095, 39.4078, 29.2332 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 38.7095, 39.4078, 29.2332

Background



This preview shows how black text looks on a background with the XYZ color 38.7095, 39.4078, 29.2332.



This preview shows how white text looks on a background with the XYZ color 38.7095, 39.4078,

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

38.7095, 39.4078, 29.2332

Protanopia

37.0229, 39.3343, 30.0671

Deuteranopia

40.2727, 39.4114, 29.5293



Tritanopia

41.8519, 39.3652, 44.9276

Trichromacy



Original Color

38.7095, 39.4078, 29.2332

Protanomaly

37.6976, 39.4175, 29.6662

Deuteranomaly

39.6770, 39.3668, 29.5521

Tritanomaly

40.7514, 39.4551, 38.7255

Monochromacy



Original Color

38.7095, 39.4078, 29.2332

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

37.9929, 39.6697, 37.5529

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.7095, 39.4078, 29.2332 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, 165, 137)` looks like.

```
.text, #text, p{  
    color:rgb(188, 165, 137)  
}
```

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, 165, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 165, 137) }
```

Border

The CSS property to change the border of an element to XYZ 38.7095, 39.4078, 29.2332 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, 165, 137) }
```


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

```
.border{ border-color:rgb(188, 165, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 165, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 165, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 165, 137);  
box-shadow:4px 4px 4px 4px rgb(188, 165,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 38.7095, 39.4078, 29.2332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 165, 137) }
```

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

```
.background{ background-color: rgb(188,  
165, 137) }
```

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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