

Converting Colors

XYZ(38.5512, 39.4701, 27.7873)

Have a look what the booklet for
XYZ(38.5512, 39.4701, 27.7873)
contains.

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Color

**XYZ(38.4278, 39.2951,
27.7496)**

Conversions

Conversions Part 1

Format	Color
Hex	BCA585
RGB	188, 165, 133
RGB Percent	74%, 65%, 52%
CMY	0.2627, 0.3529, 0.4784
CMYK	0.00, 0.12, 0.29, 0.26
HSL	35°, 29%, 63%
HSV	35°, 29%, 74%
XYZ	38.4278, 39.2951, 27.7496
YIQ	168.2290, 23.9800, -5.0760

Conversions

Conversions Part 2

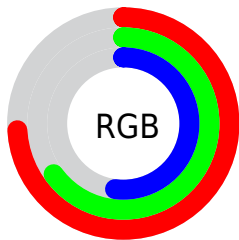
Format	Color
R_{YB}	173, 188, 133
Decimal	12363141
CIE _{Lab}	68.96, 3.49, 19.69
CIE _{LCh}	69, 19.995, 79.939
Yxy	39.2951, 0.3643, 0.3726
Android (android.graphics.Color)	4290553221 (0xFFBCA585)
YUV	168.2290, -17.3679, 17.3392
Hunter-Lab	62.6858, -0.2757, 17.6337

Details

The XYZ color **38.4278, 39.2951, 27.7496** is a light color, and the websafe version is hex **999966**. A complement of this color would be **30.6381, 32.3933, 52.2148**, and the grayscale version is **37.4072, 39.3553, 42.8579**.

A 20% lighter version of the original color is **72.1123, 74.1440, 56.9649**, and **17.2980, 17.5031, 10.6504** is the 20% darker color. If you saturate the color by 10%, you get **35.8692, 36.0737, 21.0521**, and if you desaturate by 10%, it is **41.3081, 42.7874, 35.7021**.

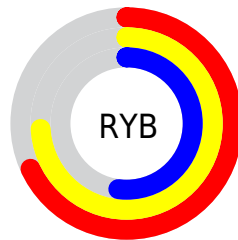
Distribution



Red (74%)

Green (65%)

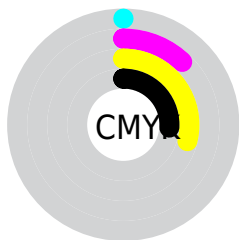
Blue (52%)



Red (68%)

Yellow (74%)

Blue (52%)

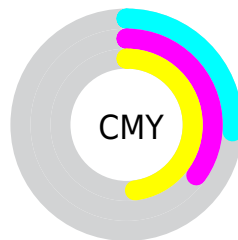


Cyan (0%)

Magenta (12%)

Yellow (29%)

Black (26%)



Cyan (26%)

Magenta (35%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.4278, 39.2951, 27.7496 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 38.4278, 39.2951, 27.7496 by changing the saturation by 10% instead.

■ 38.4278, 39.2951,
27.7496

■ 38.4278, 39.2951,
27.7496

330.7008,
343.1435, 305.1427

■ 26.4936, 26.9894,
17.8996

■ 72.0631, 74.0889,
57.1027

■ 17.3279, 17.5652,
10.7092

■ 94.4948, 97.3458,
77.4429

■ 10.5653, 10.6383,
5.7600

■ 121.1565,
125.0218, 102.1168

■ 5.8405, 5.8242,
2.6333

152.4134,
157.5015, 131.5432

■ 2.7881, 2.7385,
0.9096

188.6309,
195.1690, 166.1404

■ 1.0427, 0.9968,
0.0000

230.1745,

■ 0.0000, 0.0000,

238.4090, 206.3270

0.0000

277.4093,
287.6057, 252.5216

■ 38.4278, 39.2951,
27.7496

■ 38.4278, 39.2951,
27.7496

■ 35.8692, 36.0737,
21.0521

■ 41.3081, 42.7874,
35.7021

■ 33.6154, 33.1098,
15.5415

■ 44.5199, 46.5528,
44.9683

■ 31.6521, 30.3965,
11.1465

■ 48.0767, 50.6003,
55.6058

■ 29.9626, 27.9246,
7.7873

■ 51.9898, 54.9369,
67.6682

■ 28.5282, 25.6837,
5.3734

■ 56.2703, 59.5692,
81.2063

■ 27.3271, 23.6624,
3.7983

■ 60.9285, 64.5036,
96.2682

■ 26.3208, 21.8425,
2.8690

■ 64.3895, 69.1123,
104.5541

■ 26.2501, 21.7134,
2.8076

■ 66.5017, 73.3366,
105.2581

■ 68.7121, 77.7575,
105.9949

Harmonies

Analogous

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



41.4261, 39.2951, 30.7286



38.4278, 39.2951, 27.7496



35.3013, 39.2951, 28.3387

Triad

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



38.4278, 39.2951, 27.7496



31.8881, 39.2951, 49.0426



42.2292, 39.2951, 55.0814

Complementary

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



38.4278, 39.2951, 27.7496



30.6381, 32.3933, 52.2148

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.



39.4740, 39.2951, 61.4593



38.4278, 39.2951, 27.7496



33.5483, 39.2951, 57.6443

Square

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



38.4278, 39.2951, 27.7496



31.6434, 39.2951, 39.7972



36.2902, 39.2951, 62.4586



43.7018, 39.2951, 45.9201

Rectangle

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



38.4278, 39.2951, 27.7496



33.5576, 39.2951, 30.7093



36.2902, 39.2951, 62.4586



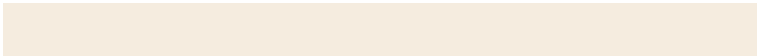
41.4153, 39.2951, 57.6738

Sweetspot

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



38.4288, 39.2969, 27.7504



80.7515, 84.4458, 81.6918



35.1984, 29.8955, 35.7393



17.1743, 17.9388, 17.0073



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.



38.4288, 39.2969, 27.7504



66.6496, 67.4734, 42.3664



42.0642, 47.8916, 29.2178



9.9788, 10.4336, 10.0646



17.9472, 14.9331, 1.9365



0.7663, 0.7115, 0.0969

Inverse Universe

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



30.6381, 32.3933, 52.2148



50.2752, 52.9684, 93.8003



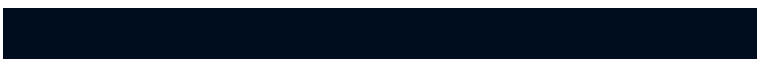
27.7270, 25.6966, 51.0756



9.3354, 9.8632, 12.0840



8.1344, 6.3805, 33.1957



0.3834, 0.3794, 1.3219

Previews

White Background



This preview shows how the XYZ color 38.4278, 39.2951, 27.7496 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 38.4278, 39.2951, 27.7496 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

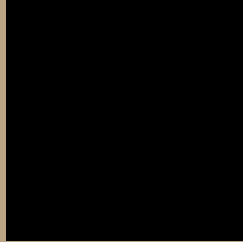
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.4278, 39.2951, 27.7496

Background



This preview shows how black text looks on a background with the XYZ color 38.4278, 39.2951, 27.7496.



This preview shows how white text looks on a background with the XYZ color 38.4278, 39.2951,

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

38.4278, 39.2951, 27.7496

Protanopia

36.8961, 39.3102, 28.1972

Deuteranopia

39.9884, 39.2977, 28.0318



Tritanopia

42.0095, 39.4576, 44.4317

Trichromacy



Original Color

38.4278, 39.2951, 27.7496

Protanomaly

37.4132, 39.3037, 28.1688

Deuteranomaly

39.3926, 39.2531, 28.0546

Tritanomaly

40.5777, 39.3856, 37.8113

Monochromacy



Original Color

38.4278, 39.2951, 27.7496

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.4143, 39.1180, 36.5889

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.4278, 39.2951, 27.7496 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, 133)` looks like.

```
.text, #text, p{  
    color:rgb(188, 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(188, 165, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 165, 133) }
```

Border

The CSS property to change the border of an element to XYZ 38.4278, 39.2951, 27.7496 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, 133) }
```


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

```
.border{ border-color:rgb(188, 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(188, 165, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 165, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 165, 133);  
box-shadow:4px 4px 4px 4px rgb(188, 165,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 38.4278, 39.2951, 27.7496 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, 133) }
```

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

```
.background{ background-color: rgb(188,  
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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