

Converting Colors

XYZ(39.5421, 42.0633, 26.4585)

Have a look what the booklet for
XYZ(39.5421, 42.0633, 26.4585)
contains.

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Color

**XYZ(39.5789, 42.1370,
26.4693)**

Conversions

Conversions Part 1

Format	Color
Hex	BCAD80
RGB	188, 173, 128
RGB Percent	74%, 68%, 50%
CMY	0.2627, 0.3215, 0.4980
CMYK	0.00, 0.08, 0.32, 0.26
HSL	45°, 31%, 62%
HSV	45°, 32%, 74%
XYZ	39.5789, 42.1370, 26.4693
YIQ	172.3550, 23.3850, -10.8150

Conversions

Conversions Part 2

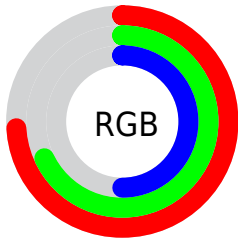
Format	Color
RYB	148, 188, 128
Decimal	12365184
CIELab	70.97, -1.48, 25.12
CIELCh	71, 25.162, 93.362
Yxy	42.1370, 0.3658, 0.3895
Android (android.graphics.Color)	4290555264 (0xFFBCAD80)
YUV	172.3550, -21.8670, 13.7207
Hunter-Lab	64.9130, -4.7624, 21.2627

Details

The XYZ color **39.5789, 42.1370, 26.4693** is a light color, and the websafe version is hex **999966**. A complement of this color would be **27.8015, 27.8642, 51.4901**, and the grayscale version is **39.4926, 41.5492, 45.2471**.

A 20% lighter version of the original color is **73.7401, 78.2355, 54.9305**, and **18.0440, 19.2931, 9.9807** is the 20% darker color. If you saturate the color by 10%, you get **37.5695, 39.9183, 20.2498**, and if you desaturate by 10%, it is **41.8515, 44.5147, 33.9086**.

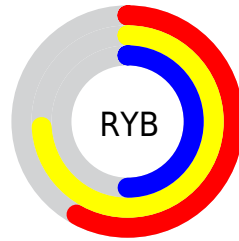
Distribution



Red (74%)

Green (68%)

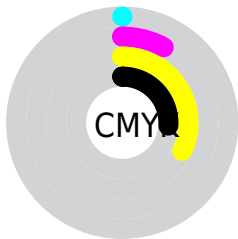
Blue (50%)



Red (58%)

Yellow (74%)

Blue (50%)

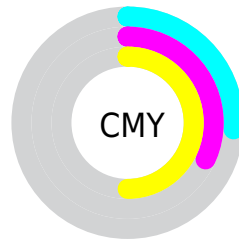


Cyan (0%)

Magenta (8%)

Yellow (32%)

Black (26%)



Cyan (26%)


Magenta (32%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.5789, 42.1370, 26.4693 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 39.5789, 42.1370, 26.4693 by changing the saturation by 10% instead.


 39.5789, 42.1370,
26.4693


 39.5789, 42.1370,
26.4693


335.5104,
355.0505, 298.7567


 27.3931, 29.2086,
16.9461


 73.8103, 78.4069,
55.0244

 18.0068, 19.2387,
10.0346


 96.5866, 102.5172,
74.8935

 11.0546, 11.8429,
5.3160


 123.6238,
131.1236, 99.0483

 6.1711, 6.6368,
2.3719

155.2872,
164.6105, 127.9073

 2.9911, 3.2360,
0.7711

191.9422,
203.3622, 161.8891

 1.1490, 1.2561,
0.0000

233.9542,

 0.0656, 0.1069,

247.7632, 201.4123

0.0000

281.6885,
298.1978, 246.8953

■ 0.0000, 0.0000,
0.0000

■ 39.5789, 42.1370,
26.4693

■ 39.5789, 42.1370,
26.4693

■ 37.5695, 39.9183,
20.2498

■ 41.8515, 44.5147,
33.9086

■ 35.8070, 37.8470,
15.1807

■ 44.3960, 47.0508,
42.6269

■ 34.2783, 35.9190,
11.1894

■ 47.2247, 49.7524,
52.6827

■ 32.9674, 34.1272,
8.1939

■ 50.3483, 52.6241,
64.1299

■ 31.8564, 32.4639,
6.1006

■ 53.7767, 55.6704,
77.0196

■ 30.9235, 30.9200,
4.7978

■ 57.5193, 58.8956,
91.4003

■ 30.2659, 29.7451,
4.1462

■ 60.8353, 62.0038,
103.3693

■ 61.9827, 64.2986,
103.7518

■ 63.1642, 66.6617,
104.1456

Harmonies

Analogous

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



43.7759, 42.1370, 28.1763



39.5789, 42.1370, 26.4693



35.7766, 42.1370, 29.1662

Triad

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



39.5789, 42.1370, 26.4693



33.6846, 42.1370, 59.7900



47.7000, 42.1370, 57.0347

Complementary

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



39.5789, 42.1370, 26.4693



27.8015, 27.8642, 51.4901

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.



44.6508, 42.1370, 68.0016



39.5789, 42.1370, 26.4693



36.5417, 42.1370, 69.7774

Square

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



39.5789, 42.1370, 26.4693



32.5263, 42.1370, 47.2478



40.5247, 42.1370, 73.0161



48.6526, 42.1370, 44.5389

Rectangle

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



39.5789, 42.1370, 26.4693



33.9208, 42.1370, 33.4306



40.5247, 42.1370, 73.0161



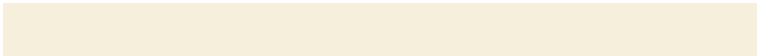
46.8762, 42.1370, 61.0901

Sweetspot

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



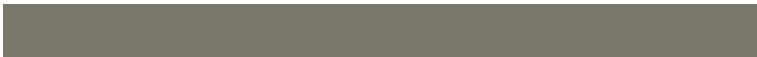
39.5800, 42.1389, 26.4702



81.3205, 86.1076, 80.2669



33.4165, 28.1134, 29.6523



17.3389, 18.3727, 16.7395



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.



39.5800, 42.1389, 26.4702



69.2376, 73.6403, 40.1744



39.1134, 46.4094, 27.3191



10.1148, 10.7056, 10.1099



20.6679, 20.3746, 2.8434



0.8585, 0.8960, 0.1277

Inverse Universe

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



27.8015, 27.8642, 51.4901



44.6929, 43.9041, 92.3450



28.1244, 24.9094, 50.9028



9.2051, 9.6025, 12.0405



6.9227, 3.9571, 32.7918



0.3251, 0.2629, 1.3025

Previews

White Background



This preview shows how the XYZ color 39.5789, 42.1370, 26.4693 looks on a white background.

Color Contrast Check

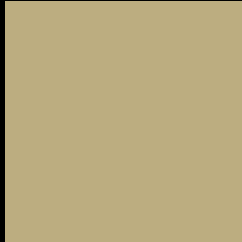
Large Text (above 18pt) WCAG AA × Fail

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 39.5789, 42.1370, 26.4693 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

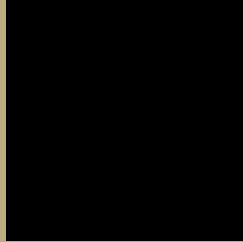
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.5789, 42.1370, 26.4693

Background



This preview shows how black text looks on a background with the XYZ color 39.5789, 42.1370, 26.4693.



This preview shows how white text looks on a background with the XYZ color 39.5789, 42.1370,

26.4693.

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

39.5789, 42.1370, 26.4693

Protanopia

39.2820, 42.2697, 26.5106

Deuteranopia

42.9580, 42.2015, 26.6505



Tritanopia

44.0210, 41.9964, 48.4338

Trichromacy



Original Color

39.5789, 42.1370, 26.4693

Protanomaly

39.5259, 42.3954, 26.5220

Deuteranomaly

41.7036, 42.1030, 26.6976

Tritanomaly

42.2714, 42.1205, 39.1598

Monochromacy



Original Color

39.5789, 42.1370, 26.4693

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

39.1134, 41.3703, 37.3763

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5789, 42.1370, 26.4693 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, 173, 128)` looks like.

```
.text, #text, p{  
    color:rgb(188, 173, 128)  
}
```

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, 173, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 173, 128) }
```

Border

The CSS property to change the border of an element to XYZ 39.5789, 42.1370, 26.4693 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, 173, 128) }
```


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

```
.border{ border-color:rgb(188, 173, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 173, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 173, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 173, 128);  
box-shadow:4px 4px 4px 4px rgb(188, 173,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5789, 42.1370, 26.4693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 173, 128) }
```

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

```
.background{ background-color: rgb(188,  
173, 128) }
```

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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