

Converting Colors

XYZ(38.7990, 42.3746, 28.2959)

Have a look what the booklet for
XYZ(38.7990, 42.3746, 28.2959)
contains.

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Color

**XYZ(38.6197, 42.1772,
28.2958)**

Conversions

Conversions Part 1

Format	Color
Hex	B5AF85
RGB	181, 175, 133
RGB Percent	71%, 69%, 52%
CMY	0.2902, 0.3137, 0.4784
CMYK	0.00, 0.03, 0.27, 0.29
HSL	53°, 24%, 62%
HSV	53°, 27%, 71%
XYZ	38.6197, 42.1772, 28.2958
YIQ	172.0060, 17.0580, -11.7900

Conversions

Conversions Part 2

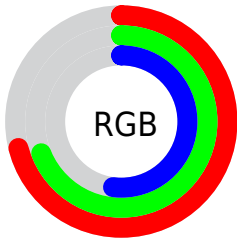
Format	Color
R_{YB}	140, 181, 133
Decimal	11906949
CIE Lab	70.99, -4.64, 22.36
CIE LCh	71, 22.834, 101.713
Yxy	42.1772, 0.3540, 0.3866
Android (android.graphics.Color)	4290097029 (0xFFB5AF85)
YUV	172.0060, -19.2300, 7.8877
Hunter-Lab	64.9440, -7.5048, 19.6284

Details

The XYZ color **38.6197, 42.1772, 28.2958** is a light color, and the websafe version is hex **999966**. A complement of this color would be **27.2458, 26.7873, 47.4507**, and the grayscale version is **39.3049, 41.3518, 45.0321**.

A 20% lighter version of the original color is **72.0848, 78.1433, 57.7383**, and **17.5464, 19.3796, 10.9995** is the 20% darker color. If you saturate the color by 10%, you get **37.0395, 40.8483, 22.1223**, and if you desaturate by 10%, it is **40.4250, 43.6108, 35.6085**.

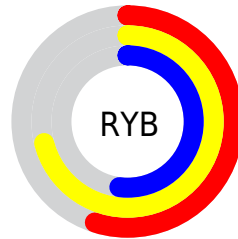
Distribution



Red (71%)

Green (69%)

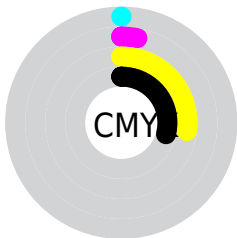
Blue (52%)



Red (55%)

Yellow (71%)

Blue (52%)

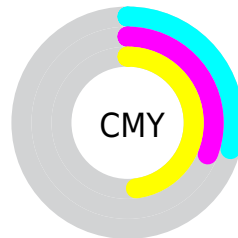


Cyan (0%)

Magenta (3%)

Yellow (27%)

Black (29%)



Cyan (29%)

Magenta (31%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.6197, 42.1772, 28.2958 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 38.6197, 42.1772, 28.2958 by changing the saturation by 10% instead.

■ 38.6197, 42.1772,
28.2958

■ 38.6197, 42.1772,
28.2958

331.5060,
355.2170, 307.8340

■ 26.6434, 29.2401,
18.3078

■ 72.3548, 78.4677,
57.9851

■ 17.4408, 19.2625,
10.9995

■ 94.8443, 102.5899,
78.5235

■ 10.6465, 11.8601,
5.9523

■ 121.5689,
131.2093, 103.4158

■ 5.8952, 6.6485,
2.7478

152.8939,
164.7102, 133.0804

■ 2.8215, 3.2433,
0.9673

189.1848,
203.4770, 167.9360

■ 1.0601, 1.2600,
0.0000

230.8069,

■ 0.0000, 0.1099,

247.8941, 208.4011

0.0000

278.1255,
298.3460, 254.8943

■ 0.0000, 0.0000,
0.0000

■ 38.6197, 42.1772,
28.2958

■ 38.6197, 42.1772,
28.2958

■ 37.0395, 40.8483,
22.1223

■ 40.4250, 43.6108,
35.6085

■ 35.6700, 39.6140,
17.0270

■ 42.4624, 45.1476,
44.1118

■ 34.5002, 38.4713,
12.9476

■ 44.7426, 46.7935,
53.8570

■ 33.5169, 37.4147,
9.8140

■ 47.2747, 48.5521,
64.8920

■ 32.7050, 36.4383,
7.5474

■ 50.0673, 50.4269,
77.2617

■ 32.0470, 35.5350,
6.0561

■ 53.1287, 52.4213,
91.0092

■ 31.5195, 34.6953,
5.2166

■ 55.7001, 54.2318,
102.1398

■ 31.3499, 34.4112,
4.9897

■ 56.1965, 55.2244,
102.3053

■ 56.7004, 56.2324,
102.4732

Harmonies

Analogous

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



42.4303, 42.1772, 28.7489



38.6197, 42.1772, 28.2958



35.4099, 42.1772, 31.9788

Triad

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



38.6197, 42.1772, 28.2958



34.8660, 42.1772, 61.3415



47.4517, 42.1772, 52.8243

Complementary

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



38.6197, 42.1772, 28.2958



27.2458, 26.7873, 47.4507

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.



45.1614, 42.1772, 63.4274



38.6197, 42.1772, 28.2958



37.8338, 42.1772, 68.8561

Square

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



38.6197, 42.1772, 28.2958



33.3362, 42.1772, 50.3147



41.5934, 42.1772, 69.6747



47.6953, 42.1772, 41.7961

Rectangle

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



38.6197, 42.1772, 28.2958



33.9788, 42.1772, 36.6843



41.5934, 42.1772, 69.6747



46.8892, 42.1772, 56.5974

Sweetspot

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



38.6208, 42.1791, 28.2967



75.4306, 80.4006, 76.3952



32.1335, 28.4751, 28.3828



16.1821, 17.2871, 16.0026



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



38.6208, 42.1791, 28.2967



67.4184, 74.0866, 43.7884



35.9442, 42.5703, 28.5133



9.1047, 9.7219, 9.0492



21.6466, 23.7917, 3.4514



0.7063, 0.7990, 0.1170

Inverse Universe

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



27.2458, 26.7873, 47.4507



43.5110, 41.7408, 84.0581



29.4168, 26.6529, 47.3104



8.1247, 8.3956, 10.6986



5.9845, 2.7694, 30.3561



0.2155, 0.1415, 0.9642

Previews

White Background



This preview shows how the XYZ color 38.6197, 42.1772, 28.2958 looks on a white background.

Color Contrast Check

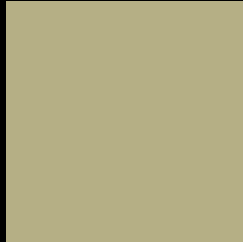
Large Text (above 18pt) WCAG AA × Fail

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 38.6197, 42.1772, 28.2958 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

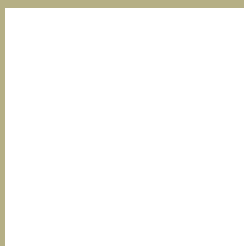
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.6197, 42.1772, 28.2958

Background



This preview shows how black text looks on a background with the XYZ color 38.6197, 42.1772, 28.2958.



This preview shows how white text looks on a background with the XYZ color 38.6197, 42.1772,

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

38.6197, 42.1772, 28.2958

Protanopia

39.3581, 41.9922, 27.8607

Deuteranopia

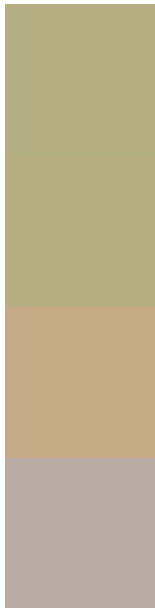
43.0937, 42.2241, 28.8004



Tritanopia

43.1250, 42.3181, 50.1513

Trichromacy



Original Color

38.6197, 42.1772, 28.2958

Protanomaly

39.0681, 42.1284, 27.9023

Deuteranomaly

41.4428, 42.2064, 28.5166

Tritanomaly

41.2713, 42.1204, 41.0768

Monochromacy



Original Color

38.6197, 42.1772, 28.2958

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

38.7943, 41.4697, 38.3075

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.6197, 42.1772, 28.2958 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(181, 175, 133)` looks like.

```
.text, #text, p{  
    color:rgb(181, 175, 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(181, 175, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 175, 133) }
```

Border

The CSS property to change the border of an element to XYZ 38.6197, 42.1772, 28.2958 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(181, 175, 133) }
```


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

```
.border{ border-color:rgb(181, 175, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 175, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 175, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 175, 133);  
box-shadow:4px 4px 4px 4px rgb(181, 175,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 38.6197, 42.1772, 28.2958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 175, 133) }
```

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

```
.background{ background-color: rgb(181,  
175, 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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