

Converting Colors

XYZ(27.2520, 27.6503, 13.5244)

Have a look what the booklet for
XYZ(27.2520, 27.6503, 13.5244)
contains.

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Color

**XYZ(27.3720, 27.8192,
13.5998)**

Conversions

Conversions Part 1

Format	Color
Hex	A88C5A
RGB	168, 140, 90
RGB Percent	66%, 55%, 35%
CMY	0.3412, 0.4510, 0.6471
CMYK	0.00, 0.17, 0.46, 0.34
HSL	38°, 31%, 51%
HSV	38°, 46%, 66%
XYZ	27.3720, 27.8192, 13.5998
YIQ	142.6720, 32.7380, -9.6140

Conversions

Conversions Part 2

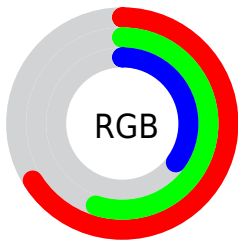
Format	Color
RYB	134, 168, 90
Decimal	11045978
CIELab	59.73, 3.79, 30.59
CIElCh	60, 30.820, 82.945
Yxy	27.8192, 0.3979, 0.4044
Android (android.graphics.Color)	4289236058 (0xFFA88C5A)
YUV	142.6720, -25.9673, 22.2127
Hunter-Lab	52.7439, 0.3326, 21.6331

Details

The XYZ color **27.3720, 27.8192, 13.5998** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **17.7625, 17.9570, 39.5756**, and the grayscale version is **26.0693, 27.4269, 29.8679**.

A 20% lighter version of the original color is **54.9290, 56.0706, 33.1269**, and **11.0316, 11.0642, 3.8397** is the 20% darker color. If you saturate the color by 10%, you get **25.8793, 25.8517, 9.9643**, and if you desaturate by 10%, it is **29.0760, 29.9506, 18.1037**.

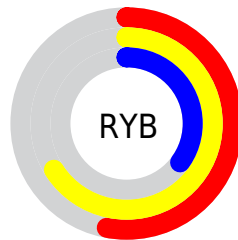
Distribution



Red (66%)

Green (55%)

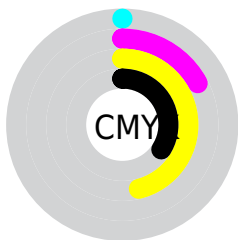
Blue (35%)



Red (53%)

Yellow (66%)

Blue (35%)

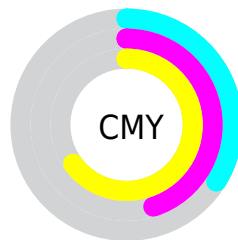


Cyan (0%)

Magenta (17%)

Yellow (46%)

Black (34%)



Cyan (34%)

Magenta (45%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.3720, 27.8192, 13.5998 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 27.3720, 27.8192, 13.5998 by changing the saturation by 10% instead.

■ 27.3720, 27.8192,
13.5998

■ 27.3720, 27.8192,
13.5998

281.5886,
291.6020, 226.0679

■ 17.9908, 18.1894,
7.7073

■ 54.8959, 56.1957,
33.0841

■ 11.0431, 11.0861,
3.8232

■ 73.7694, 75.7111,
47.5129

■ 6.1633, 6.1248,
1.5288

■ 96.5377, 99.2906,
65.6243

■ 2.9862, 2.9211,
0.2393

■ 123.5661,
127.3185, 87.8367

■ 1.1465, 1.0907,
0.0000

155.2201,
160.1792, 114.5688

■ 0.0635, 0.0000,
0.0000

191.8649,

■ 0.0000, 0.0000,

198.2570, 146.2390

0.0000

233.8660,
241.9365, 183.2658

■ 27.3720, 27.8192,
13.5998

■ 27.3720, 27.8192,
13.5998

■ 25.8793, 25.8517,
9.9643

■ 29.0760, 29.9506,
18.1037

■ 24.5841, 24.0382,
7.1372

■ 31.0000, 32.2473,
23.5273

■ 23.4738, 22.3735,
5.0534

■ 33.1546, 34.7160,
29.9198

■ 22.5332, 20.8502,
3.6371

■ 35.5491, 37.3613,
37.3263

■ 21.7416, 19.4586,
2.7823

■ 38.1921, 40.1880,
45.7892

■ 21.4795, 18.9870,
2.5328

■ 41.0919, 43.2004,
55.3484

■ 44.2563, 46.4027,
66.0417

■ 47.6927, 49.7990,
77.9051

■ 51.4084, 53.3931,
90.9731

Harmonies

Analogous

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



31.2163, 27.8192, 16.1940



27.3720, 27.8192, 13.5998



23.6276, 27.8192, 14.5197

Triad

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



27.3720, 27.8192, 13.5998



20.1263, 27.8192, 39.4460



32.8805, 27.8192, 45.1421

Complementary

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



27.3720, 27.8192, 13.5998



17.7625, 17.9570, 39.5756

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.



29.4700, 27.8192, 54.6492



27.3720, 27.8192, 13.5998



22.1799, 27.8192, 50.8367

Square

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



27.3720, 27.8192, 13.5998



19.6828, 27.8192, 27.7313



25.5320, 27.8192, 56.9554



34.5929, 27.8192, 33.0022

Rectangle

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



27.3720, 27.8192, 13.5998



21.6597, 27.8192, 17.1452



25.5320, 27.8192, 56.9554



31.8795, 27.8192, 48.8622

Sweetspot

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



27.3727, 27.8205, 13.6004



61.0698, 64.0119, 57.0525



23.1105, 16.9597, 19.3828



13.1219, 13.7405, 11.8603



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



27.3727, 27.8205, 13.6004



46.8110, 46.7065, 17.7335



29.8701, 35.9720, 15.0421



7.9170, 8.3140, 7.9768



16.2703, 14.4378, 1.9292



0.4416, 0.4428, 0.0622

Inverse Universe

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



17.7625, 17.9570, 39.5756



27.1632, 26.5672, 70.9214



16.0242, 12.8720, 38.6857



7.3440, 7.7248, 9.5223



6.6143, 4.6889, 28.5319



0.2093, 0.2109, 0.7103

Previews

White Background



This preview shows how the XYZ color 27.3720, 27.8192, 13.5998 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 27.3720, 27.8192, 13.5998 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

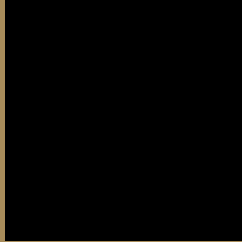
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.3720, 27.8192, 13.5998

Background



This preview shows how black text looks on a background with the XYZ color 27.3720, 27.8192, 13.5998.



This preview shows how white text looks on a background with the XYZ color 27.3720, 27.8192,

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

27.3720, 27.8192, 13.5998

Protanopia

25.8097, 27.8873, 14.1477

Deuteranopia

28.4324, 27.9310, 13.7902



Tritanopia

30.6552, 27.6729, 30.1113

Trichromacy



Original Color

27.3720, 27.8192, 13.5998

Protanomaly

26.4087, 27.9773, 13.9058

Deuteranomaly

28.1342, 27.9912, 13.8175

Tritanomaly

29.2368, 27.7215, 22.8786

Monochromacy



Original Color

27.3720, 27.8192, 13.5998

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.2600, 27.4766, 22.9883

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3720, 27.8192, 13.5998 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(168, 140, 90)` looks like.

```
.text, #text, p{  
    color:rgb(168, 140, 90)  
}
```

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(168, 140, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 140, 90) }
```

Border

The CSS property to change the border of an element to XYZ 27.3720, 27.8192, 13.5998 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(168, 140, 90) }
```


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

```
.border{ border-color:rgb(168, 140, 90) }
```

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

Here you see how a box with a 4 pixel rgb(168, 140, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 140, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 140, 90);  
box-shadow:4px 4px 4px 4px rgb(168, 140,  
90) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3720, 27.8192, 13.5998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 140, 90) }
```

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

```
.background{ background-color: rgb(168,  
140, 90) }
```

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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