

Converting Colors

XYZ(32.1663, 27.4427, 11.2218)

Have a look what the booklet for
XYZ(32.1663, 27.4427, 11.2218)
contains.

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Color

**XYZ(32.1975, 27.5067,
11.2017)**

Conversions

Conversions Part 1

Format	Color
Hex	C67E50
RGB	198, 126, 80
RGB Percent	78%, 49%, 31%
CMY	0.2235, 0.5059, 0.6863
CMYK	0.00, 0.36, 0.60, 0.22
HSL	23°, 51%, 55%
HSV	23°, 60%, 78%
XYZ	32.1975, 27.5067, 11.2017
YIQ	142.2840, 57.6780, 0.9580

Conversions

Conversions Part 2

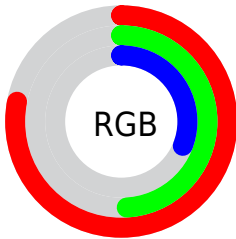
Format	Color
R_{YB}	198, 155, 80
Decimal	13008464
CIE _{Lab}	59.44, 23.38, 36.36
CIE _{LCh}	59, 43.222, 57.261
Yxy	27.5067, 0.4541, 0.3879
Android (android.graphics.Color)	4291198544 (0xFFC67E50)
YUV	142.2840, -30.7060, 48.8629
Hunter-Lab	52.4468, 17.8005, 24.0495

Details

The XYZ color **32.1975, 27.5067, 11.2017** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **24.7287, 28.2375, 57.5727**, and the grayscale version is **25.9262, 27.2764, 29.7040**.

A 20% lighter version of the original color is **61.3894, 55.1119, 28.5212**, and **13.6742, 10.8541, 2.8132** is the 20% darker color. If you saturate the color by 10%, you get **30.1184, 24.3519, 7.4159**, and if you desaturate by 10%, it is **34.6800, 31.1237, 16.1858**.

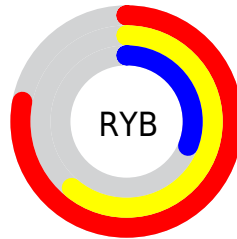
Distribution



Red (78%)

Green (49%)

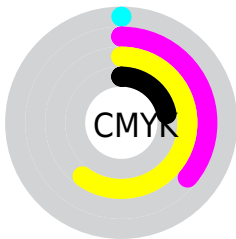
Blue (31%)



Red (78%)

Yellow (61%)

Blue (31%)

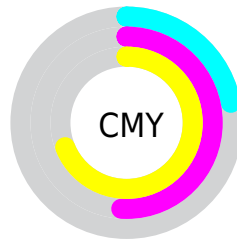


Cyan (0%)

Magenta (36%)

Yellow (60%)

Black (22%)



Cyan (22%)


Magenta (51%)


Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.1975, 27.5067, 11.2017 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 32.1975, 27.5067, 11.2017 by changing the saturation by 10% instead.


 32.1975, 27.5067,
11.2017


 32.1975, 27.5067,
11.2017


303.7473,
290.1022, 209.8330


 21.6687, 17.9541,
6.0868


 62.4837, 55.6959,
28.6749

 13.7289, 10.9171,
2.8283


 82.9718, 75.1013,
41.8702


 8.0128, 6.0111,
1.0076


 107.5103, 98.5598,
58.5961

 4.1550, 2.8518,
0.0000

 136.4646,
126.4558, 79.2711

 1.7902, 1.0549,
0.0000

 170.2001,
159.1736, 104.3138

 0.5118, 0.0000,
0.0000

209.0822,

 0.0000, 0.0000,

197.0977, 134.1426

0.0000

253.4761,
240.6124, 169.1762

■ 32.1975, 27.5067,
11.2017

■ 32.1975, 27.5067,
11.2017

■ 30.1184, 24.3519,
7.4159

■ 34.6800, 31.1237,
16.1858

■ 28.4146, 21.6339,
4.7216

■ 37.5875, 35.2180,
22.4593

■ 27.0566, 19.3310,
2.9955

■ 40.9420, 39.8093,
30.1061

■ 25.9949, 17.4114,
2.0137

■ 44.7634, 44.9147,
39.2025

■ 25.9561, 17.3408,
1.9791

■ 49.0703, 50.5503,
49.8192

■ 53.8801, 56.7318,
62.0222

■ 59.2095, 63.4737,
75.8736

■ 65.0742, 70.7904,
91.4321

■ 70.9695, 78.4876,
106.0169

Harmonies

Analogous

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



36.5498, 27.5067, 18.2503



32.1975, 27.5067, 11.2017



26.6457, 27.5067, 8.9307

Triad

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



32.1975, 27.5067, 11.2017



17.0523, 27.5067, 28.5456



31.2161, 27.5067, 65.1031

Complementary

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



32.1975, 27.5067, 11.2017



24.7287, 28.2375, 57.5727

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.



25.6492, 27.5067, 70.7672



32.1975, 27.5067, 11.2017



17.9288, 27.5067, 45.8129

Square

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



32.1975, 27.5067, 11.2017



18.3191, 27.5067, 16.5308



20.9017, 27.5067, 62.7377



35.9303, 27.5067, 49.1732

Rectangle

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



32.1975, 27.5067, 11.2017



23.1713, 27.5067, 9.5285



20.9017, 27.5067, 62.7377



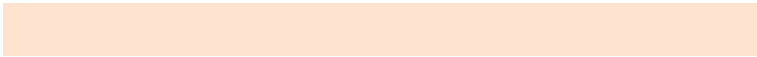
29.3612, 27.5067, 68.4678

Sweetspot

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



32.1982, 27.5081, 11.2022



80.2288, 80.8040, 71.7548



31.8878, 20.0354, 32.2226



16.7184, 16.6953, 14.2589



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



32.1982, 27.5081, 11.2022



52.2099, 41.3594, 11.2602



41.9255, 46.9627, 14.4447



10.9673, 11.3038, 11.1666



16.9577, 11.4326, 1.3129



0.8731, 0.6816, 0.0855

Inverse Universe

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



24.7287, 28.2375, 57.5727



37.6980, 42.6148, 100.8463



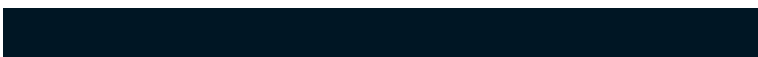
17.4834, 13.7469, 55.1576



10.5862, 11.3464, 13.5496



11.1450, 11.6840, 36.4122



0.5966, 0.6910, 1.7471

Previews

White Background



This preview shows how the XYZ color 32.1975, 27.5067, 11.2017 looks on a white background.

Color Contrast Check

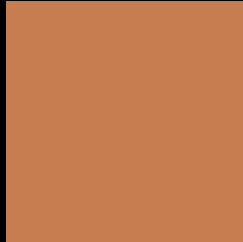
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.1975, 27.5067, 11.2017 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

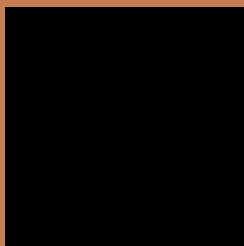
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.1975, 27.5067, 11.2017

Background



This preview shows how black text looks on a background with the XYZ color 32.1975, 27.5067, 11.2017.



This preview shows how white text looks on a background with the XYZ color 32.1975, 27.5067,

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

32.1975, 27.5067, 11.2017

Protanopia

25.5576, 27.7865, 12.8204

Deuteranopia

28.2253, 27.6715, 11.0612



Tritanopia

34.7663, 27.4354, 24.2321

Trichromacy



Original Color

32.1975, 27.5067, 11.2017

Protanomaly

27.5592, 27.3021, 12.2048

Deuteranomaly

29.5660, 27.5299, 11.1526

Tritanomaly

33.6482, 27.3461, 18.5438

Monochromacy



Original Color

32.1975, 27.5067, 11.2017

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

27.0342, 26.6216, 21.1664

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.1975, 27.5067, 11.2017 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(198, 126, 80)` looks like.

```
.text, #text, p{  
    color:rgb(198, 126, 80)  
}
```

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(198, 126, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 126, 80) }
```

Border

The CSS property to change the border of an element to XYZ 32.1975, 27.5067, 11.2017 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(198, 126, 80) }
```


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

```
.border{ border-color:rgb(198, 126, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 126, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 126, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 126, 80);  
box-shadow:4px 4px 4px 4px rgb(198, 126,  
80) }
```

Background

The CSS property to change the background color of an element to XYZ 32.1975, 27.5067, 11.2017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 126, 80) }
```

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

```
.background{ background-color: rgb(198,  
126, 80) }
```

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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