

Converting Colors

XYZ(32.7733, 26.4995, 17.4539)

Have a look what the booklet for
XYZ(32.7733, 26.4995, 17.4539)
contains.

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Color

**XYZ(32.7119, 26.5214,
17.5824)**

Conversions

Conversions Part 1

Format	Color
Hex	C6786C
RGB	198, 120, 108
RGB Percent	78%, 47%, 42%
CMY	0.2235, 0.5294, 0.5765
CMYK	0.00, 0.39, 0.45, 0.22
HSL	8°, 44%, 60%
HSV	8°, 45%, 78%
XYZ	32.7119, 26.5214, 17.5824
YIQ	141.9540, 50.3400, 12.8040

Conversions

Conversions Part 2

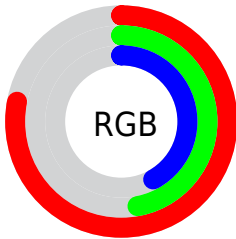
Format	Color
R _Y B	198, 122, 108
Decimal	13006956
CIE Lab	58.53, 29.15, 19.59
CIE LCh	59, 35.121, 33.898
Yxy	26.5214, 0.4258, 0.3453
Android (android.graphics.Color)	4291197036 (0xFFC6786C)
YUV	141.9540, -16.7393, 49.1523
Hunter-Lab	51.4989, 23.2593, 15.8069

Details

The XYZ color **32.7119, 26.5214, 17.5824** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **33.9353, 42.3811, 59.8176**, and the grayscale version is **25.7438, 27.0844, 29.4950**.

A 20% lighter version of the original color is **62.4416, 53.6503, 39.8654**, and **14.0170, 10.3800, 5.6796** is the 20% darker color. If you saturate the color by 10%, you get **29.8934, 22.3836, 12.0212**, and if you desaturate by 10%, it is **36.1409, 31.4971, 24.5282**.

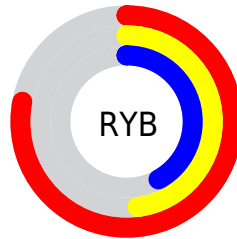
Distribution



Red (78%)

Green (47%)

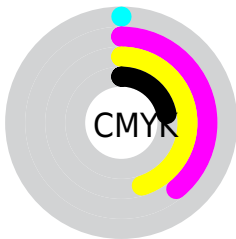
Blue (42%)



Red (78%)

Yellow (48%)

Blue (42%)

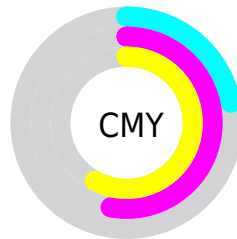


Cyan (0%)

Magenta (39%)

Yellow (45%)

Black (22%)



Cyan (22%)


Magenta (53%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.7119, 26.5214, 17.5824 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 32.7119, 26.5214, 17.5824 by changing the saturation by 10% instead.


 32.7119, 26.5214,
17.5824


 32.7119, 26.5214,
17.5824


306.0375,
285.3323, 250.6632


 22.0640, 17.2141,
10.4843


 63.2832, 54.1149,
40.1287

 14.0208, 10.3873,
5.6114


 83.9373, 73.1699,
56.4140

 8.2169, 5.6565,
2.5453


 108.6575, 96.2429,
76.5987

 4.2870, 2.6373,
0.8640

 137.8091,
123.7184, 101.1015

 1.8658, 0.9455,
0.0000

171.7576,
155.9807, 130.3407

 0.5568, 0.0000,
0.0000

210.8683,

 0.0000, 0.0000,

193.4141, 164.7351

0.0000

255.5065,
236.4032, 204.7030

■ 32.7119, 26.5214,
17.5824

■ 32.7119, 26.5214,
17.5824

■ 29.8934, 22.3836,
12.0212

■ 36.1409, 31.4971,
24.5282

■ 27.6472, 19.0338,
7.7500

■ 40.2114, 37.3493,
32.9414

■ 25.9338, 16.4226,
4.6648


■ 44.9550, 44.1190,
42.9003


■ 24.7080, 14.4935,
2.6448


■ 50.4003, 51.8432,
54.4769


■ 23.9160, 13.1816,
1.5423

■ 56.5744, 60.5572,
67.7389

 23.6671, 12.7628,
1.2161

 63.5030, 70.2943,
82.7502

 71.2104, 81.0862,
99.5710

 77.0986, 90.7457,
108.0599

Harmonies

Analogous

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



34.3888, 26.5214, 27.2975



32.7119, 26.5214, 17.5824



29.0232, 26.5214, 12.4060

Triad

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



32.7119, 26.5214, 17.5824



18.4883, 26.5214, 19.6620



25.7740, 26.5214, 59.5281

Complementary

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



32.7119, 26.5214, 17.5824



33.9353, 42.3811, 59.8176

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.



21.7424, 26.5214, 55.7865



32.7119, 26.5214, 17.5824



17.8262, 26.5214, 30.5169

Square

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



32.7119, 26.5214, 17.5824



20.8722, 26.5214, 13.3451



18.9492, 26.5214, 44.1981



30.1057, 26.5214, 53.3270

Rectangle

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



32.7119, 26.5214, 17.5824



26.0970, 26.5214, 11.1522



18.9492, 26.5214, 44.1981



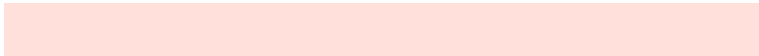
24.3391, 26.5214, 59.3996

Sweetspot

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



32.7126, 26.5227, 17.5829



80.7380, 79.7349, 78.3601



37.5142, 26.2762, 49.5489



16.8579, 16.4643, 15.8774



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.



32.7126, 26.5227, 17.5829



52.7704, 39.3926, 20.9666



39.4506, 39.9988, 19.8289



10.7461, 10.8612, 11.0928



15.4278, 8.3727, 0.8030



0.7688, 0.4731, 0.0508

Inverse Universe

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



33.9353, 42.3811, 59.8176



55.1672, 71.0075, 105.4059



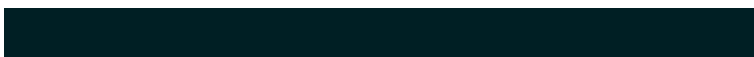
25.9024, 26.3153, 57.1400



10.8214, 11.8169, 13.6280



16.2174, 21.8288, 38.1030



0.8022, 1.1023, 1.8156

Previews

White Background



This preview shows how the XYZ color 32.7119, 26.5214, 17.5824 looks on a white background.

Color Contrast Check

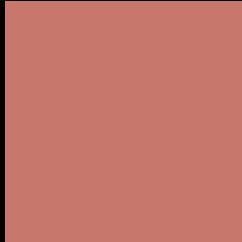
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.7119, 26.5214, 17.5824 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 32.7119, 26.5214, 17.5824

Background



This preview shows how black text looks on a background with the XYZ color 32.7119, 26.5214, 17.5824.



This preview shows how white text looks on a background with the XYZ color 32.7119, 26.5214,

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

32.7119, 26.5214, 17.5824

Protanopia

25.1893, 26.7473, 20.9747

Deuteranopia

27.1501, 26.5634, 17.0609



Tritanopia

33.6804, 26.3711, 23.0536

Trichromacy



Original Color

32.7119, 26.5214, 17.5824

Protanomaly

27.3611, 26.2055, 19.5357

Deuteranomaly

28.9442, 26.4708, 17.2195

Tritanomaly

33.3614, 26.4309, 20.7961

Monochromacy



Original Color

32.7119, 26.5214, 17.5824

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

27.4547, 26.3433, 24.7568

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7119, 26.5214, 17.5824 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, 120, 108)` looks like.

```
.text, #text, p{  
    color:rgb(198, 120, 108)  
}
```

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, 120, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 120, 108) }
```

Border

The CSS property to change the border of an element to XYZ 32.7119, 26.5214, 17.5824 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, 120, 108) }
```


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

```
.border{ border-color:rgb(198, 120, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 120, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 120, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 120, 108);  
box-shadow:4px 4px 4px 4px rgb(198, 120,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7119, 26.5214, 17.5824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 120, 108) }
```

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

```
.background{ background-color: rgb(198,  
120, 108) }
```

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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