

Converting Colors

XYZ(32.4697, 27.0570, 17.4729)

Have a look what the booklet for
XYZ(32.4697, 27.0570, 17.4729)
contains.

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Color

**XYZ(32.6264, 27.2126,
17.4429)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | C47C6B |
| RGB | 196, 124, 107 |
| RGB Percent | 77%, 49%, 42% |
| CMY | 0.2314, 0.5137, 0.5804 |
| CMYK | 0.00, 0.37, 0.45, 0.23 |
| HSL | 11°, 43%, 59% |
| HSV | 11°, 45%, 77% |
| XYZ | 32.6264, 27.2126, 17.4429 |
| YIQ | 143.5900, 48.3690, 9.9770 |

Conversions

Conversions Part 2

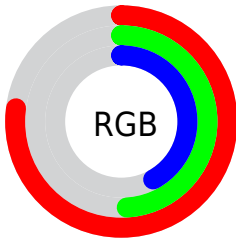
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 196, 128, 107 |
| Decimal | 12876907 |
| CIELab | 59.17, 26.08, 20.98 |
| CIELCh | 59, 33.472, 38.820 |
| Yxy | 27.2126, 0.4222, 0.3521 |
| Android (android.graphics.Color) | 4291066987 (0xFFC47C6B) |
| YUV | 143.5900, -18.0389, 45.9636 |
| Hunter-Lab | 52.1657, 20.3507, 16.6909 |

Details

The XYZ color **32.6264, 27.2126, 17.4429** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **32.1464, 39.3497, 58.1252**, and the grayscale version is **26.4016, 27.7766, 30.2487**.

A 20% lighter version of the original color is **63.1337, 55.1729, 39.6697**, and **13.9119, 10.7128, 5.6095** is the 20% darker color. If you saturate the color by 10%, you get **29.8800, 23.1873, 12.0037**, and if you desaturate by 10%, it is **35.9274, 31.9731, 24.2205**.

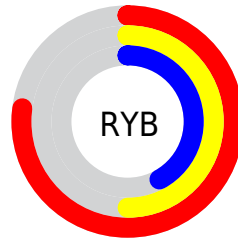
Distribution



Red (77%)

Green (49%)

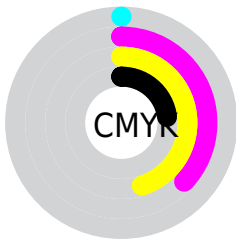
Blue (42%)



Red (77%)

Yellow (50%)

Blue (42%)

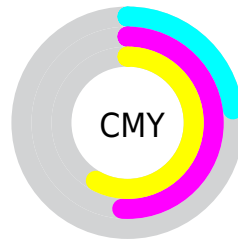


Cyan (0%)

Magenta (37%)

Yellow (45%)

Black (23%)



Cyan (23%)


Magenta (51%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.6264, 27.2126, 17.4429 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 32.6264, 27.2126, 17.4429 by changing the saturation by 10% instead.


 32.6264, 27.2126,
17.4429


 32.6264, 27.2126,
17.4429


305.6577,
288.6850, 249.8417


 21.9983, 17.7330,
10.3855


 63.1504, 55.2248,
39.8868


 13.9722, 10.7584,
5.5464


 83.7770, 74.5262,
56.1103

 8.1829, 5.9046,
2.5070

 108.4671, 97.8703,
76.2262

 4.2650, 2.7872,
0.8438

 137.5860,
125.6415, 100.6532

 1.8531, 1.0217,
0.0000

171.4992,
158.2241, 129.8097

 0.5494, 0.0000,
0.0000

210.5720,

 0.0000, 0.0000,

196.0027, 164.1142

0.0000

255.1697,
239.3615, 203.9854

■ 32.6264, 27.2126,
17.4429

■ 32.6264, 27.2126,
17.4429

■ 29.8800, 23.1873,
12.0037

■ 35.9274, 31.9731,
24.2205

■ 27.6549, 19.8562,
7.8121

■ 39.8096, 37.4989,
32.4160

■ 25.9174, 17.1805,
4.7683


■ 44.3005, 43.8235,
42.1047


■ 24.6284, 15.1158,
2.7563


■ 49.4250, 50.9771,
53.3558


■ 23.7423, 13.6117,
1.6344

■ 55.2068, 58.9883,
66.2344

 23.4404, 13.0869,
1.2906

 61.6681, 67.8843,
80.8018

 68.8304, 77.6913,
97.1161

 75.2641, 87.8542,
107.5985

 76.5748, 90.4757,
108.0354

Harmonies

Analogous

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



34.6221, 27.2126, 26.2476



32.6264, 27.2126, 17.4429



28.8704, 27.2126, 12.9648

Triad

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



32.6264, 27.2126, 17.4429



19.0871, 27.2126, 22.0852



27.1134, 27.2126, 58.5979

Complementary

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



32.6264, 27.2126, 17.4429



32.1464, 39.3497, 58.1252

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.



23.0753, 27.2126, 56.6052



32.6264, 27.2126, 17.4429



18.7247, 27.2126, 33.2910

Square

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



32.6264, 27.2126, 17.4429



21.1582, 27.2126, 15.1011



20.1085, 27.2126, 46.4767



31.2222, 27.2126, 51.3570

Rectangle

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



32.6264, 27.2126, 17.4429



26.0303, 27.2126, 12.0940



20.1085, 27.2126, 46.4767



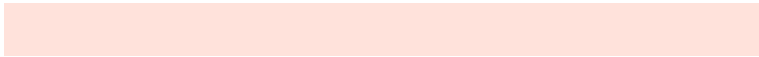
25.7000, 27.2126, 59.0189

Sweetspot

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



32.6271, 27.2140, 17.4434



81.2950, 80.8488, 78.5458



36.2286, 25.5337, 46.0300



16.9918, 16.7321, 15.9221



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.



32.6271, 27.2140, 17.4434



54.3828, 42.3798, 22.2361



39.3876, 40.7349, 19.6969



10.2255, 10.3824, 10.5269



15.1095, 8.5048, 0.8452



0.7008, 0.4633, 0.0525

Inverse Universe

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



32.1464, 39.3497, 58.1252



53.3603, 66.8902, 104.7065



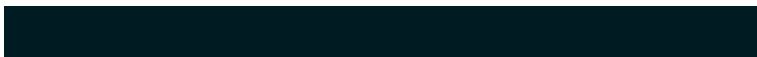
24.7170, 24.4907, 55.6488



10.1997, 11.0907, 12.8880



14.3789, 18.5143, 36.3724



0.6644, 0.8861, 1.5859

Previews

White Background



This preview shows how the XYZ color 32.6264, 27.2126, 17.4429 looks on a white background.

Color Contrast Check

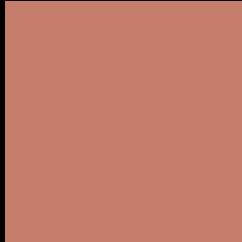
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.6264, 27.2126, 17.4429 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 32.6264, 27.2126, 17.4429

Background



This preview shows how black text looks on a background with the XYZ color 32.6264, 27.2126, 17.4429.



This preview shows how white text looks on a background with the XYZ color 32.6264, 27.2126,

17.4429.

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

32.6264, 27.2126, 17.4429

Protanopia

25.7373, 27.4852, 20.4717

Deuteranopia

27.8576, 27.3463, 17.1747



Tritanopia

34.1553, 27.2922, 24.5868

Trichromacy



Original Color

32.6264, 27.2126, 17.4429

Protanomaly

27.7211, 27.0161, 19.3763

Deuteranomaly

29.4432, 27.1268, 17.3198

Tritanomaly

33.4983, 27.1945, 21.8959

Monochromacy



Original Color

32.6264, 27.2126, 17.4429

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

28.1467, 27.3165, 25.2619

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.6264, 27.2126, 17.4429 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(196, 124, 107)` looks like.

```
.text, #text, p{  
    color:rgb(196, 124, 107)  
}
```

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(196, 124, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 124, 107) }
```

Border

The CSS property to change the border of an element to XYZ 32.6264, 27.2126, 17.4429 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(196, 124, 107) }
```


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

```
.border{ border-color:rgb(196, 124, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 124, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 124, 107); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 124, 107); box-shadow:4px 4px 4px 4px rgb(196, 124, 107) }
```

Background

The CSS property to change the background color of an element to XYZ 32.6264, 27.2126, 17.4429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 124, 107) }
```

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

```
.background{ background-color: rgb(196,  
124, 107) }
```

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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