

Converting Colors

XYZ(32.8903, 27.2542, 14.6882)

Have a look what the booklet for
XYZ(32.8903, 27.2542, 14.6882)
contains.

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Color

**XYZ(32.7475, 27.1526,
14.5813)**

Conversions

Conversions Part 1

Format	Color
Hex	C77B60
RGB	199, 123, 96
RGB Percent	78%, 48%, 38%
CMY	0.2196, 0.5176, 0.6235
CMYK	0.00, 0.38, 0.52, 0.22
HSL	16°, 48%, 58%
HSV	16°, 52%, 78%
XYZ	32.7475, 27.1526, 14.5813
YIQ	142.6460, 53.9630, 7.7150

Conversions

Conversions Part 2

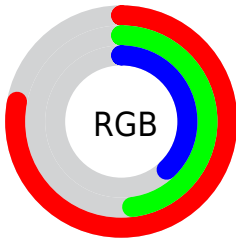
Format	Color
RYB	199, 133, 96
Decimal	13073248
CIELab	59.12, 26.75, 27.19
CIELCh	59, 38.140, 45.463
Yxy	27.1526, 0.4397, 0.3646
Android (android.graphics.Color)	4291263328 (0xFFC77B60)
YUV	142.6460, -22.9965, 49.4225
Hunter-Lab	52.1082, 20.9895, 19.8847

Details

The XYZ color **32.7475, 27.1526, 14.5813** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **29.8844, 36.1136, 59.4282**, and the grayscale version is **26.0417, 27.3979, 29.8363**.

A 20% lighter version of the original color is **62.0318, 54.4173, 34.8379**, and **14.0923, 10.7376, 4.2356** is the 20% darker color. If you saturate the color by 10%, you get **30.2579, 23.4587, 9.7891**, and if you desaturate by 10%, it is **35.7436, 31.4884, 20.6868**.

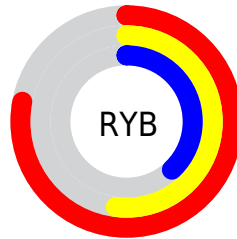
Distribution



Red (78%)

Green (48%)

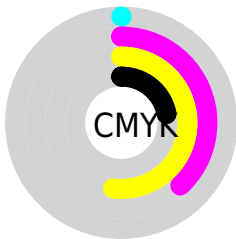
Blue (38%)



Red (78%)

Yellow (52%)

Blue (38%)

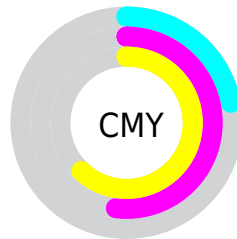


Cyan (0%)

Magenta (38%)

Yellow (52%)

Black (22%)



Cyan (22%)

Magenta (52%)

Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.7475, 27.1526, 14.5813 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 32.7475, 27.1526, 14.5813 by changing the saturation by 10% instead.


 32.7475, 27.1526,
14.5813


 32.7475, 27.1526,
14.5813


306.1956,
288.3952, 232.3706

 22.0914, 17.6879,
8.3827


 63.3384, 55.1286,
34.8488


 14.0410, 10.7261,
4.2495


 84.0040, 74.4087,
49.7548

 8.2311, 5.8830,
1.7632


 108.7367, 97.7294,
68.4004

 4.2962, 2.7741,
0.4035

 137.9020,
125.4751, 91.2041

 1.8711, 1.0149,
0.0000

171.8651,
158.0301, 118.5844

 0.5599, 0.0000,
0.0000

210.9915,

 0.0000, 0.0000,

195.7788, 150.9599

0.0000

255.6466,
239.1058, 188.7491

■ 32.7475, 27.1526,
14.5813

■ 32.7475, 27.1526,
14.5813

■ 30.2579, 23.4587,
9.7891

■ 35.7436, 31.4884,
20.6868

■ 28.2427, 20.3712,
6.2107

■ 39.2714, 36.4910,
28.1921

■ 26.6692, 17.8572,
3.7345

■ 43.3571, 42.1892,
37.1781

■ 25.4987, 15.8787,
2.2270

■ 48.0241, 48.6087,
47.7189

■ 24.7889, 14.6137,
1.5142

■ 53.2946, 55.7737,
59.8837

■ 59.1898, 63.7077,
73.7376

■ 65.7295, 72.4326,
89.3420

■ 72.9005, 81.9569,
106.5847

■ 77.3631, 90.8821,
108.0723

Harmonies

Analogous

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



35.6336, 27.1526, 23.1332



32.7475, 27.1526, 14.5813



28.1654, 27.1526, 10.8037

Triad

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



32.7475, 27.1526, 14.5813



17.9479, 27.1526, 23.4809



28.3164, 27.1526, 62.5603

Complementary

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



32.7475, 27.1526, 14.5813



29.8844, 36.1136, 59.4282

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.



23.5855, 27.1526, 62.7404



32.7475, 27.1526, 14.5813



17.9778, 27.1526, 37.0894

Square

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



32.7475, 27.1526, 14.5813



19.8374, 27.1526, 14.7683



19.9250, 27.1526, 52.3641



32.8697, 27.1526, 51.9288

Rectangle

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



32.7475, 27.1526, 14.5813



24.9492, 27.1526, 10.4410



19.9250, 27.1526, 52.3641



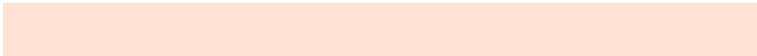
26.6857, 27.1526, 63.9329

Sweetspot

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



32.7482, 27.1540, 14.5818



80.3006, 79.9201, 74.9462



35.3032, 23.5348, 42.3442



16.8248, 16.6067, 15.2231



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.



32.7482, 27.1540, 14.5818



52.5320, 40.3991, 16.3139



40.6561, 42.9698, 17.2178



10.8562, 11.0816, 11.1295



16.0015, 9.5201, 0.9942



0.8187, 0.5729, 0.0674

Inverse Universe

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



29.8844, 36.1136, 59.4282



46.9016, 57.6209, 103.2577



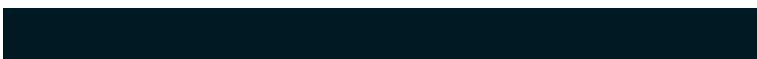
22.0617, 20.4683, 56.8207



10.7023, 11.5787, 13.5883



13.3949, 16.1837, 37.1621



0.6908, 0.8795, 1.7785

Previews

White Background



This preview shows how the XYZ color 32.7475, 27.1526, 14.5813 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 32.7475, 27.1526, 14.5813 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

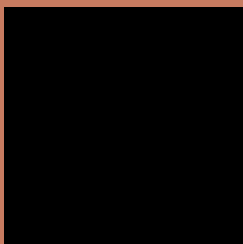
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.7475, 27.1526, 14.5813

Background



This preview shows how black text looks on a background with the XYZ color 32.7475, 27.1526, 14.5813.



This preview shows how white text looks on a background with the XYZ color 32.7475, 27.1526,

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

32.7475, 27.1526, 14.5813

Protanopia

25.4580, 27.4167, 17.0469

Deuteranopia

27.7932, 27.1693, 14.1353



Tritanopia

34.5805, 27.1697, 23.8438

Trichromacy



Original Color

32.7475, 27.1526, 14.5813

Protanomaly

27.7307, 27.0940, 16.0800

Deuteranomaly

29.4281, 26.9858, 14.2474

Tritanomaly

33.6883, 26.9733, 19.9538

Monochromacy



Original Color

32.7475, 27.1526, 14.5813

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

27.6743, 26.9012, 23.4725

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7475, 27.1526, 14.5813 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(199, 123, 96)` looks like.

```
.text, #text, p{  
    color:rgb(199, 123, 96)  
}
```

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(199, 123, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 123, 96) }
```

Border

The CSS property to change the border of an element to XYZ 32.7475, 27.1526, 14.5813 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(199, 123, 96) }
```


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

```
.border{ border-color:rgb(199, 123, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 123, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 123, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 123, 96);  
box-shadow:4px 4px 4px 4px rgb(199, 123,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7475, 27.1526, 14.5813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 123, 96) }
```

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

```
.background{ background-color: rgb(199,  
123, 96) }
```

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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