

Converting Colors

XYZ(32.1725, 25.7614, 15.1318)

Have a look what the booklet for
XYZ(32.1725, 25.7614, 15.1318)
contains.

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Color

**XYZ(32.1666, 25.7655,
15.0823)**

Conversions

Conversions Part 1

Format	Color
Hex	C77563
RGB	199, 117, 99
RGB Percent	78%, 46%, 39%
CMY	0.2196, 0.5412, 0.6118
CMYK	0.00, 0.41, 0.50, 0.22
HSL	11°, 47%, 58%
HSV	11°, 50%, 78%
XYZ	32.1666, 25.7655, 15.0823
YIQ	139.4660, 54.6500, 11.7860

Conversions

Conversions Part 2

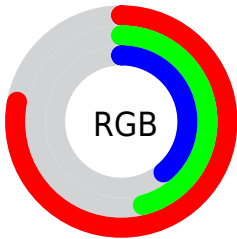
Format	Color
RYB	199, 121, 99
Decimal	13071715
CIELab	57.81, 30.28, 23.78
CIELCh	58, 38.500, 38.152
Yxy	25.7655, 0.4406, 0.3529
Android (android.graphics.Color)	4291261795 (0xFFC77563)
YUV	139.4660, -19.9497, 52.2113
Hunter-Lab	50.7597, 24.2865, 17.9149

Details

The XYZ color **32.1666, 25.7655, 15.0823** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **31.9775, 39.8222, 60.0337**, and the grayscale version is **24.7809, 26.0714, 28.3917**.

A 20% lighter version of the original color is **61.1197, 52.2115, 35.7106**, and **13.7823, 10.0130, 4.4551** is the 20% darker color. If you saturate the color by 10%, you get **29.5916, 21.9550, 10.0946**, and if you desaturate by 10%, it is **35.3087, 30.3351, 21.4160**.

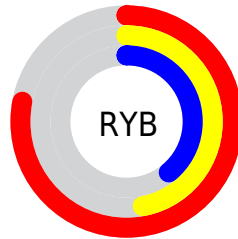
Distribution



Red (78%)

Green (46%)

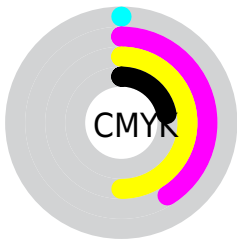
Blue (39%)



Red (78%)

Yellow (47%)

Blue (39%)

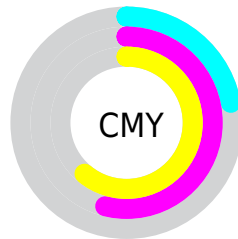


Cyan (0%)

Magenta (41%)

Yellow (50%)

Black (22%)



Cyan (22%)


Magenta (54%)


Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.1666, 25.7655, 15.0823 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 32.1666, 25.7655, 15.0823 by changing the saturation by 10% instead.


 32.1666, 25.7655,
15.0823


 32.1666, 25.7655,
15.0823


303.6093,
281.6290, 235.5217


 21.6449, 16.6483,
8.7299


 62.4356, 52.8964,
35.7418


 13.7114, 9.9841,
4.4710


 82.9137, 71.6789,
50.8861

 8.0006, 5.3884,
1.8871


 107.4412, 94.4519,
69.7980

 4.1471, 2.4769,
0.4845

 136.3837,
121.5999, 92.8961

 1.7857, 0.8650,
0.0000

170.1064,
153.5072, 120.5990

 0.5090, 0.0000,
0.0000

208.9746,

 0.0000, 0.0000,

190.5582, 153.3252

0.0000

253.3538,
233.1374, 191.4933

■ 32.1666, 25.7655,
15.0823

■ 32.1666, 25.7655,
15.0823

■ 29.5916, 21.9550,
10.0946

■ 35.3087, 30.3351,
21.4160

■ 27.5470, 18.8584,
6.3532

■ 39.0477, 35.6982,
29.1824

■ 25.9947, 16.4314,
3.7472

■ 43.4136, 41.8916,
38.4628

■ 24.8904, 14.6231,
2.1449

■ 48.4336, 48.9488,
49.3320

■ 24.1788, 13.3935,
1.3108

■ 54.1335, 56.9013,
61.8595

■ 60.5376, 65.7791,
76.1111

■ 67.6690, 75.6107,
92.1488

■ 75.0299, 86.2157,
107.2945

■ 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.



34.3858, 25.7655, 24.5967



32.1666, 25.7655, 15.0823



27.9490, 25.7655, 10.4370

Triad

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



32.1666, 25.7655, 15.0823



17.1299, 25.7655, 19.6058



25.7716, 25.7655, 61.5581

Complementary

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



32.1666, 25.7655, 15.0823



31.9775, 39.8222, 60.0337

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.



21.3277, 25.7655, 58.9424



32.1666, 25.7655, 15.0823



16.7011, 25.7655, 31.8215

Square

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



32.1666, 25.7655, 15.0823



19.3978, 25.7655, 12.4180



18.1425, 25.7655, 46.9046



30.4019, 25.7655, 53.2164

Rectangle

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



32.1666, 25.7655, 15.0823



24.7772, 25.7655, 9.5257



18.1425, 25.7655, 46.9046



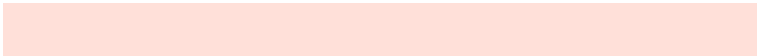
24.2037, 25.7655, 61.9710

Sweetspot

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



32.1672, 25.7668, 15.0828



80.2900, 79.3730, 76.5641



36.4931, 24.4572, 47.2341



16.7886, 16.4308, 15.5303



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.



32.1672, 25.7668, 15.0828



51.5608, 38.0643, 17.2000



39.3811, 40.1944, 17.4874



10.7858, 10.9407, 11.1060



15.5941, 8.7053, 0.8584



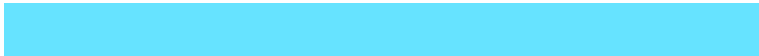
0.7869, 0.5092, 0.0568

Inverse Universe

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



31.9775, 39.8222, 60.0337



51.1227, 65.2312, 104.5042



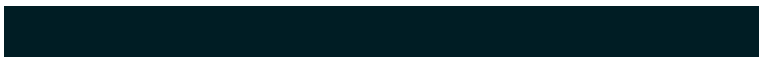
23.7511, 23.3695, 57.2916



10.7781, 11.7302, 13.6136



15.1286, 19.6511, 37.7400



0.7599, 1.0177, 1.8015

Previews

White Background



This preview shows how the XYZ color 32.1666, 25.7655, 15.0823 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 32.1666, 25.7655, 15.0823 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 32.1666, 25.7655, 15.0823

Background



This preview shows how black text looks on a background with the XYZ color 32.1666, 25.7655, 15.0823.



This preview shows how white text looks on a background with the XYZ color 32.1666, 25.7655,

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

32.1666, 25.7655, 15.0823

Protanopia

24.3874, 25.9589, 18.1932

Deuteranopia

26.2247, 25.7266, 14.6499



Tritanopia

33.6176, 25.8573, 21.6315

Trichromacy



Original Color

32.1666, 25.7655, 15.0823

Protanomaly

26.6025, 25.4680, 16.8783

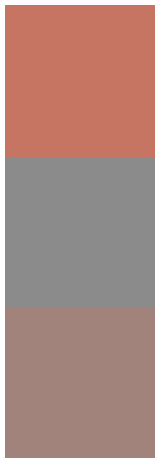
Deuteranomaly

28.1071, 25.5068, 14.7512

Tritanomaly

32.9874, 25.7557, 19.1523

Monochromacy



Original Color

32.1666, 25.7655, 15.0823

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

26.4523, 25.2649, 22.5512

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.1666, 25.7655, 15.0823 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, 117, 99)` looks like.

```
.text, #text, p{  
    color:rgb(199, 117, 99)  
}
```

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, 117, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 117, 99) }
```

Border

The CSS property to change the border of an element to XYZ 32.1666, 25.7655, 15.0823 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, 117, 99) }
```


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

```
.border{ border-color:rgb(199, 117, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 117, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 117, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 117, 99);  
box-shadow:4px 4px 4px 4px rgb(199, 117,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 32.1666, 25.7655, 15.0823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 117, 99) }
```

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

```
.background{ background-color: rgb(199,  
117, 99) }
```

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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