

Converting Colors

XYZ(32.0165, 26.1131, 11.7404)

Have a look what the booklet for
XYZ(32.0165, 26.1131, 11.7404)
contains.

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Color

**XYZ(32.0165, 26.1131,
11.7404)**

Conversions

Conversions Part 1

Format	Color
Hex	C87754
RGB	200, 119, 84
RGB Percent	78%, 47%, 33%
CMY	0.2157, 0.5333, 0.6706
CMYK	0.00, 0.40, 0.58, 0.22
HSL	18°, 51%, 56%
HSV	18°, 58%, 78%
XYZ	32.0165, 26.1131, 11.7404
YIQ	139.2290, 59.5110, 6.2870

Conversions

Conversions Part 2

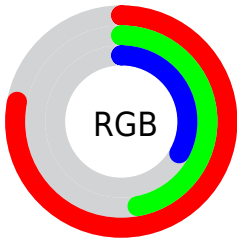
Format	Color
RYB	200, 134, 84
Decimal	13137748
CIELab	58.14, 28.31, 32.64
CIElCh	58, 43.207, 49.067
Yxy	26.1131, 0.4582, 0.3737
Android (android.graphics.Color)	4291327828 (0xFFC87754)
YUV	139.2290, -27.2279, 53.2962
Hunter-Lab	51.1010, 22.4096, 22.1489

Details

The XYZ color **32.0165, 26.1131, 11.7404** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **27.5359, 32.9636, 59.5547**, and the grayscale version is **24.7152, 26.0023, 28.3165**.

A 20% lighter version of the original color is **60.2956, 52.4863, 29.5072**, and **13.6333, 10.1470, 3.0737** is the 20% darker color. If you saturate the color by 10%, you get **29.8005, 22.7610, 7.6733**, and if you desaturate by 10%, it is **34.7016, 30.0458, 17.0675**.

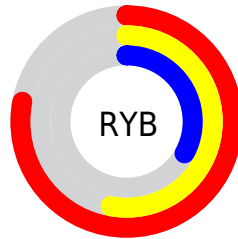
Distribution



Red (78%)

Green (47%)

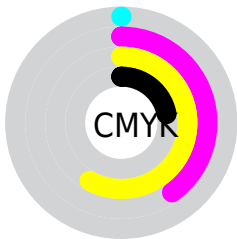
Blue (33%)



Red (78%)

Yellow (53%)

Blue (33%)

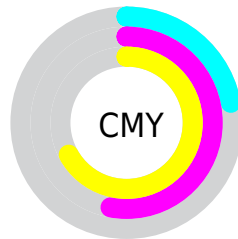


Cyan (0%)

Magenta (40%)

Yellow (58%)

Black (22%)



Cyan (22%)

Magenta (53%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.0165, 26.1131, 11.7404 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 32.0165, 26.1131, 11.7404 by changing the saturation by 10% instead.

■ 32.0165, 26.1131,
11.7404

■ 32.0165, 26.1131,
11.7404

302.9384,
283.3368, 213.5956

■ 21.5297, 16.9083,
6.4468

■ 62.2020, 53.4573,
29.6787

■ 13.6264, 10.1691,
3.0455

■ 82.6314, 72.3656,
43.1605

■ 7.9412, 5.5112,
1.1179

■ 107.1057, 95.2770,
60.2087

■ 4.1089, 2.5502,
0.0000

■ 135.9903,
122.5761, 81.2419

■ 1.7639, 0.9017,
0.0000

■ 169.6505,
154.6472, 106.6786

■ 0.4958, 0.0000,
0.0000

208.4516,

■ 0.0000, 0.0000,

191.8748, 136.9375

0.0000

252.7592,
234.6432, 172.4369

■ 32.0165, 26.1131,
11.7404

■ 32.0165, 26.1131,
11.7404

■ 29.8005, 22.7610,
7.6733

■ 34.7016, 30.0458,
17.0675

■ 28.0216, 19.9564,
4.7581

■ 37.8811, 34.5818,
23.7476

■ 26.6459, 17.6687,
2.8702

■ 41.5808, 39.7477,
31.8666

■ 25.6269, 15.8594,
1.8254

■ 45.8239, 45.5669,
41.5026

■ 25.4538, 15.5482,
1.6595

■ 50.6320, 52.0617,
52.7284

■ 56.0258, 59.2535,
65.6117

■ 62.0246, 67.1624,
80.2164

■ 68.6471, 75.8079,
96.6031

■ 74.4273, 84.6153,
107.0174

Harmonies

Analogous

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



35.6015, 26.1131, 20.0162



32.0165, 26.1131, 11.7404



26.7783, 26.1131, 8.4806

Triad

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



32.0165, 26.1131, 11.7404



16.1898, 26.1131, 23.3080



28.2557, 26.1131, 65.3122

Complementary

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



32.0165, 26.1131, 11.7404



27.5359, 32.9636, 59.5547

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.



22.9591, 26.1131, 67.1724



32.0165, 26.1131, 11.7404



16.4694, 26.1131, 38.9291

Square

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



32.0165, 26.1131, 11.7404



17.9649, 26.1131, 13.4181



18.7913, 26.1131, 56.2482



33.2281, 26.1131, 51.8127

Rectangle

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



32.0165, 26.1131, 11.7404



23.2668, 26.1131, 8.4081



18.7913, 26.1131, 56.2482



26.4402, 26.1131, 67.4619

Sweetspot

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



32.0171, 26.1144, 11.7409



79.9322, 79.7012, 73.2271



33.7995, 21.3441, 38.0313



16.7684, 16.5960, 14.8899



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.



32.0171, 26.1144, 11.7409



50.5933, 37.8514, 11.5685



41.1023, 44.2848, 14.7693



10.8905, 11.1501, 11.1410



16.2540, 10.0251, 1.0784



0.8342, 0.6039, 0.0726

Inverse Universe

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



27.5359, 32.9636, 59.5547



41.9885, 50.6132, 102.1640



19.3602, 16.6124, 56.8295



10.6661, 11.5063, 13.5763



12.6407, 14.6753, 36.9107



0.6599, 0.8177, 1.7682

Previews

White Background



This preview shows how the XYZ color 32.0165, 26.1131, 11.7404 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 32.0165, 26.1131, 11.7404 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 32.0165, 26.1131, 11.7404

Background



This preview shows how black text looks on a background with the XYZ color 32.0165, 26.1131, 11.7404.



This preview shows how white text looks on a background with the XYZ color 32.0165, 26.1131,

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

32.0165, 26.1131, 11.7404

Protanopia

24.2587, 26.2043, 13.9046

Deuteranopia

26.8049, 26.3022, 11.4486



Tritanopia

34.1588, 26.1363, 21.6568

Trichromacy



Original Color

32.0165, 26.1131, 11.7404

Protanomaly

26.4166, 25.6588, 13.0115

Deuteranomaly

28.6647, 26.2548, 11.5395

Tritanomaly

33.3093, 26.1300, 17.4754

Monochromacy



Original Color

32.0165, 26.1131, 11.7404

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

26.2790, 25.4115, 20.9726

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.0165, 26.1131, 11.7404 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(200, 119, 84)` looks like.

```
.text, #text, p{  
    color:rgb(200, 119, 84)  
}
```

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(200, 119, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 119, 84) }
```

Border

The CSS property to change the border of an element to XYZ 32.0165, 26.1131, 11.7404 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(200, 119, 84) }
```


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

```
.border{ border-color:rgb(200, 119, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 119, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 119, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 119, 84);  
box-shadow:4px 4px 4px 4px rgb(200, 119,  
84) }
```

Background

The CSS property to change the background color of an element to XYZ 32.0165, 26.1131, 11.7404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 119, 84) }
```

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

```
.background{ background-color: rgb(200,  
119, 84) }
```

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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