

Converting Colors

XYZ(31.2042, 25.6066, 16.2402)

Have a look what the booklet for
XYZ(31.2042, 25.6066, 16.2402)
contains.

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Color

**XYZ(31.2931, 25.6423,
16.1321)**

Conversions

Conversions Part 1

Format	Color
Hex	C27767
RGB	194, 119, 103
RGB Percent	76%, 47%, 40%
CMY	0.2392, 0.5333, 0.5961
CMYK	0.00, 0.39, 0.47, 0.24
HSL	11°, 43%, 58%
HSV	11°, 47%, 76%
XYZ	31.2931, 25.6423, 16.1321
YIQ	139.6010, 49.8360, 10.9240

Conversions

Conversions Part 2

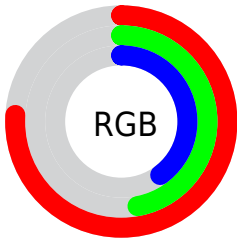
Format	Color
RYB	194, 122, 103
Decimal	12744551
CIELab	57.70, 27.60, 21.23
CIELCh	58, 34.822, 37.571
Yxy	25.6423, 0.4283, 0.3509
Android (android.graphics.Color)	4290934631 (0xFFC27767)
YUV	139.6010, -18.0443, 47.7079
Hunter-Lab	50.6382, 21.6914, 16.5584

Details

The XYZ color **31.2931, 25.6423, 16.1321** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **31.2505, 38.6173, 56.8454**, and the grayscale version is **24.8274, 26.1203, 28.4450**.

A 20% lighter version of the original color is **61.0933, 52.7208, 37.5280**, and **13.1585, 9.8601, 4.9510** is the 20% darker color. If you saturate the color by 10%, you get **28.6847, 21.8072, 11.0032**, and if you desaturate by 10%, it is **34.4488, 30.2105, 22.5585**.

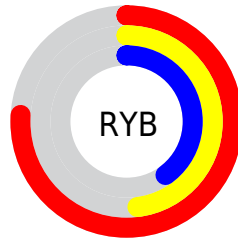
Distribution



Red (76%)

Green (47%)

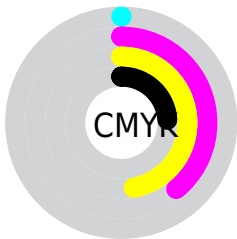
Blue (40%)



Red (76%)

Yellow (48%)

Blue (40%)

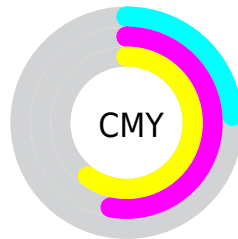


Cyan (0%)

Magenta (39%)

Yellow (47%)

Black (24%)



Cyan (24%)


Magenta (53%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.2931, 25.6423, 16.1321 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 31.2931, 25.6423, 16.1321 by changing the saturation by 10% instead.


 31.2931, 25.6423,
16.1321


 31.2931, 25.6423,
16.1321


299.6892,
281.0217, 241.9922


 20.9751, 16.5562,
9.4623


 61.0739, 52.6973,
37.5974


 13.2181, 9.9186,
4.9430


 81.2675, 71.4351,
53.2299

 7.6570, 5.3450,
2.1557


 105.4835, 94.1588,
72.6871

 3.9262, 2.4511,
0.6486

 134.0874,
121.2530, 96.3876

 1.6605, 0.8520,
0.0000

167.4446,
153.1020, 124.7498

 0.4313, 0.0000,
0.0000

205.9204,

 0.0000, 0.0000,

190.0902, 158.1922

0.0000

249.8801,
232.6019, 197.1335

■ 31.2931, 25.6423,
16.1321

■ 31.2931, 25.6423,
16.1321

■ 28.6847, 21.8072,
11.0032

■ 34.4488, 30.2105,
22.5585

■ 26.5898, 18.6630,
7.0814

■ 38.1792, 35.5436,
30.3612

■ 24.9737, 16.1690,
4.2673


■ 42.5119, 41.6758,
39.6148


■ 23.7966, 14.2787,
2.4444


■ 47.4723, 48.6385,
50.3877


■ 23.0086, 12.9378,
1.4569

■ 53.0842, 56.4611,
62.7443

 22.8235, 12.6202,
1.2330

 59.3704, 65.1717,
76.7450

 66.3524, 74.7971,
92.4472

 73.5309, 85.1551,
107.1688

 76.0580, 90.2093,
108.0112

Harmonies

Analogous

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



33.2123, 25.6423, 25.0037



31.2931, 25.6423, 16.1321



27.5601, 25.6423, 11.6229

Triad

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



31.2931, 25.6423, 16.1321



17.6887, 25.6423, 20.0457



25.4436, 25.6423, 57.4166

Complementary

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



31.2931, 25.6423, 16.1321



31.2505, 38.6173, 56.8454

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.



21.4402, 25.6423, 54.9677



31.2931, 25.6423, 16.1321



17.2590, 25.6423, 31.0549

Square

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



31.2931, 25.6423, 16.1321



19.8044, 25.6423, 13.3918



18.5553, 25.6423, 44.3859



29.5934, 25.6423, 50.3526

Rectangle

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



31.2931, 25.6423, 16.1321



24.7136, 25.6423, 10.6922



18.5553, 25.6423, 44.3859



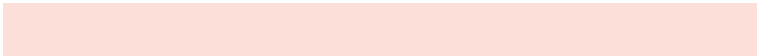
24.0341, 25.6423, 57.7073

Sweetspot

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



31.2937, 25.6436, 16.1326



79.3205, 78.7431, 76.7369



35.2182, 24.4179, 45.4163



16.9563, 16.6612, 15.9102



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.



31.2937, 25.6436, 16.1326



51.9776, 39.5211, 19.9503



37.9121, 38.8803, 18.3387



10.2133, 10.3580, 10.5229



15.0488, 8.3834, 0.8250



0.6953, 0.4524, 0.0507

Inverse Universe

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



31.2505, 38.6173, 56.8454



51.8370, 65.7005, 102.4192



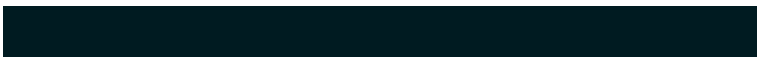
23.7645, 23.6453, 54.3501



10.2130, 11.1173, 12.8924



14.7071, 19.1707, 36.4818



0.6759, 0.9092, 1.5898

Previews

White Background



This preview shows how the XYZ color 31.2931, 25.6423, 16.1321 looks on a white background.

Color Contrast Check

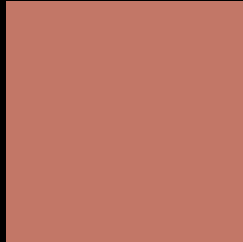
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.2931, 25.6423, 16.1321 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 31.2931, 25.6423, 16.1321

Background



This preview shows how black text looks on a background with the XYZ color 31.2931, 25.6423, 16.1321.



This preview shows how white text looks on a background with the XYZ color 31.2931, 25.6423,

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

31.2931, 25.6423, 16.1321

Protanopia

24.1899, 25.8381, 19.0415

Deuteranopia

26.2048, 25.6945, 15.6350



Tritanopia

32.7120, 25.7072, 22.6399

Trichromacy



Original Color

31.2931, 25.6423, 16.1321

Protanomaly

26.3214, 25.4992, 18.0025

Deuteranomaly

27.9726, 25.6080, 15.7804

Tritanomaly

32.0779, 25.6090, 20.0820

Monochromacy



Original Color

31.2931, 25.6423, 16.1321

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

26.5792, 25.5084, 23.6014

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.2931, 25.6423, 16.1321 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(194, 119, 103)` looks like.

```
.text, #text, p{  
    color:rgb(194, 119, 103)  
}
```

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(194, 119, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 119, 103) }
```

Border

The CSS property to change the border of an element to XYZ 31.2931, 25.6423, 16.1321 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(194, 119, 103) }
```


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

```
.border{ border-color:rgb(194, 119, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 119, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 119, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 119, 103);  
box-shadow:4px 4px 4px 4px rgb(194, 119,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 31.2931, 25.6423, 16.1321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 119, 103) }
```

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

```
.background{ background-color: rgb(194,  
119, 103) }
```

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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