

Converting Colors

XYZ(31.5382, 27.1610, 15.1742)

Have a look what the booklet for
XYZ(31.5382, 27.1610, 15.1742)
contains.

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Color

**XYZ(31.4037, 27.0100,
15.1136)**

Conversions

Conversions Part 1

Format	Color
Hex	C07E62
RGB	192, 126, 98
RGB Percent	75%, 49%, 38%
CMY	0.2471, 0.5059, 0.6157
CMYK	0.00, 0.34, 0.49, 0.25
HSL	18°, 43%, 57%
HSV	18°, 49%, 75%
XYZ	31.4037, 27.0100, 15.1136
YIQ	142.5420, 48.3240, 5.2840

Conversions

Conversions Part 2

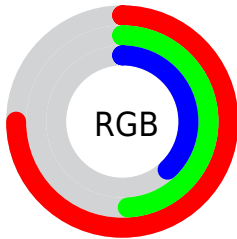
Format	Color
R_{YB}	192, 138, 98
Decimal	12615266
CIE _{Lab}	58.98, 22.46, 25.73
CIE _{LCh}	59, 34.150, 48.885
Yxy	27.0100, 0.4271, 0.3673
Android (android.graphics.Color)	4290805346 (0xFFC07E62)
YUV	142.5420, -21.9592, 43.3747
Hunter-Lab	51.9711, 16.9096, 19.1378

Details

The XYZ color **31.4037, 27.0100, 15.1136** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **27.8263, 32.9520, 54.7629**, and the grayscale version is **25.9977, 27.3516, 29.7859**.

A 20% lighter version of the original color is **61.3286, 54.9194, 35.8019**, and **13.3353, 10.6421, 4.4833** is the 20% darker color. If you saturate the color by 10%, you get **28.9945, 23.4727, 10.3618**, and if you desaturate by 10%, it is **34.2639, 31.1016, 21.0890**.

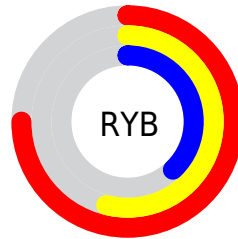
Distribution



Red (75%)

Green (49%)

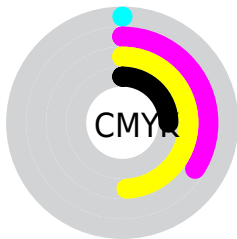
Blue (38%)



Red (75%)

Yellow (54%)

Blue (38%)

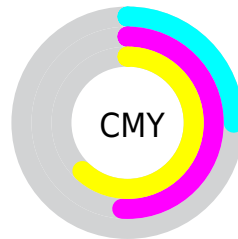


Cyan (0%)

Magenta (34%)

Yellow (49%)

Black (25%)



Cyan (25%)

Magenta (51%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.4037, 27.0100, 15.1136 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 31.4037, 27.0100, 15.1136 by changing the saturation by 10% instead.

■ 31.4037, 27.0100,
15.1136

■ 31.4037, 27.0100,
15.1136

300.1877,
287.7055, 235.7172

■ 21.0598, 17.5807,
8.7516

■ 61.2466, 54.8999,
35.7975

■ 13.2804, 10.6494,
4.4850

■ 81.4763, 74.1294,
50.9564

■ 7.7003, 5.8316,
1.8950

■ 105.7320, 97.3943,
69.8849

■ 3.9539, 2.7430,
0.4895

■ 134.3791,
125.0792, 93.0012

■ 1.6761, 0.9991,
0.0000

167.7828,
157.5683, 120.7241

■ 0.4412, 0.0000,
0.0000

206.3086,

■ 0.0000, 0.0000,

195.2462, 153.4720

0.0000

250.3217,
238.4971, 191.6636

■ 31.4037, 27.0100,
15.1136

■ 31.4037, 27.0100,
15.1136

■ 28.9945, 23.4727,
10.3618

■ 34.2639, 31.1016,
21.0890

■ 27.0094, 20.4607,
6.7457

■ 37.5962, 35.7665,
28.3644

■ 25.4212, 17.9488,
4.1681


■ 41.4225, 41.0278,
37.0117


■ 24.1983, 15.9071,
2.5143


■ 45.7627, 46.9060,
47.0970


■ 23.2929, 14.2983,
1.5897


■ 50.6356, 53.4208,
58.6821

 23.2112, 14.1525,
1.5083

 56.0590, 60.5907,
71.8253

 62.0498, 68.4336,
86.5817

 68.6244, 76.9668,
103.0036

 73.1484, 85.1468,
107.1874

Harmonies

Analogous

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



34.1672, 27.0100, 22.4926



31.4037, 27.0100, 15.1136



27.2732, 27.0100, 11.9562

Triad

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



31.4037, 27.0100, 15.1136



18.4865, 27.0100, 25.1413



28.3972, 27.0100, 57.4308

Complementary

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



31.4037, 27.0100, 15.1136



27.8263, 32.9520, 54.7629

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.



24.1351, 27.0100, 58.7172



31.4037, 27.0100, 15.1136



18.7167, 27.0100, 37.6158

Square

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



31.4037, 27.0100, 15.1136



20.0165, 27.0100, 16.5920



20.6843, 27.0100, 50.6934



32.3040, 27.0100, 47.5506

Rectangle

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



31.4037, 27.0100, 15.1136



24.4358, 27.0100, 11.8700



20.6843, 27.0100, 50.6934



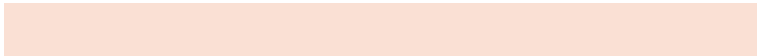
26.9497, 27.0100, 58.9673

Sweetspot

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



31.4044, 27.0113, 15.1141



77.8682, 78.1671, 73.5458



32.9310, 22.6721, 38.4132



16.3569, 16.2960, 14.9734



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



31.4044, 27.0113, 15.1141



52.1478, 41.9504, 18.0388



38.6257, 41.4540, 17.5212



10.3123, 10.5561, 10.5559



15.6788, 9.6433, 1.0350



0.7392, 0.5402, 0.0653

Inverse Universe

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



27.8263, 32.9520, 54.7629



44.8365, 53.8780, 98.3966



21.0734, 19.4461, 52.5119



10.1070, 10.9053, 12.8571



12.2839, 14.3242, 35.6740



0.5885, 0.7344, 1.5606

Previews

White Background



This preview shows how the XYZ color 31.4037, 27.0100, 15.1136 looks on a white background.

Color Contrast Check

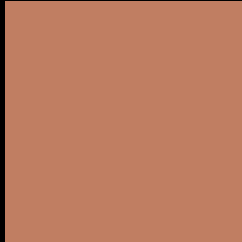
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.4037, 27.0100, 15.1136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

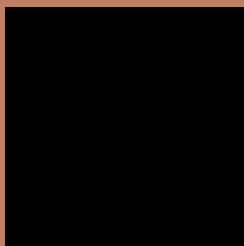
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 31.4037, 27.0100, 15.1136

Background



This preview shows how black text looks on a background with the XYZ color 31.4037, 27.0100, 15.1136.



This preview shows how white text looks on a background with the XYZ color 31.4037, 27.0100,

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

31.4037, 27.0100, 15.1136

Protanopia

25.3597, 27.1382, 17.2662

Deuteranopia

27.4930, 26.9989, 14.8286



Tritanopia

33.5619, 27.1599, 24.9462

Trichromacy



Original Color

31.4037, 27.0100, 15.1136

Protanomaly

27.1388, 26.7831, 16.3097

Deuteranomaly

28.7690, 26.8306, 14.9718

Tritanomaly

32.6609, 26.9672, 20.9365

Monochromacy



Original Color

31.4037, 27.0100, 15.1136

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

27.4744, 27.0007, 23.8423

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.4037, 27.0100, 15.1136 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(192, 126, 98)` looks like.

```
.text, #text, p{  
    color:rgb(192, 126, 98)  
}
```

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(192, 126, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 126, 98) }
```

Border

The CSS property to change the border of an element to XYZ 31.4037, 27.0100, 15.1136 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(192, 126, 98) }
```


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

```
.border{ border-color:rgb(192, 126, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 126, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 126, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 126, 98);  
box-shadow:4px 4px 4px 4px rgb(192, 126,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 31.4037, 27.0100, 15.1136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 126, 98) }
```

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

```
.background{ background-color: rgb(192,  
126, 98) }
```

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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