

Converting Colors

XYZ(31.6917, 27.4046, 13.5367)

Have a look what the booklet for
XYZ(31.6917, 27.4046, 13.5367)
contains.

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Color

**XYZ(31.7258, 27.4034,
13.5148)**

Conversions

Conversions Part 1

Format	Color
Hex	C27F5B
RGB	194, 127, 91
RGB Percent	76%, 50%, 36%
CMY	0.2392, 0.5019, 0.6431
CMYK	0.00, 0.35, 0.53, 0.24
HSL	21°, 46%, 56%
HSV	21°, 53%, 76%
XYZ	31.7258, 27.4034, 13.5148
YIQ	142.9290, 51.4880, 3.0080

Conversions

Conversions Part 2

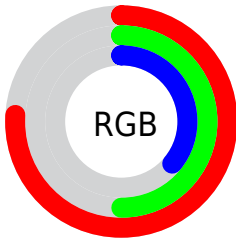
Format	Color
RYB	194, 146, 91
Decimal	12746587
CIELab	59.35, 22.07, 30.14
CIELCh	59, 37.359, 53.785
Yxy	27.4034, 0.4367, 0.3772
Android (android.graphics.Color)	4290936667 (0xFFC27F5B)
YUV	142.9290, -25.6010, 44.7893
Hunter-Lab	52.3483, 16.5709, 21.3368

Details

The XYZ color **31.7258, 27.4034, 13.5148** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **26.2782, 30.5714, 55.5545**, and the grayscale version is **26.1653, 27.5279, 29.9779**.

A 20% lighter version of the original color is **61.7118, 55.4782, 33.0470**, and **13.4250, 10.8080, 3.7614** is the 20% darker color. If you saturate the color by 10%, you get **29.4658, 24.0541, 9.1528**, and if you desaturate by 10%, it is **34.4076, 31.2503, 19.0851**.

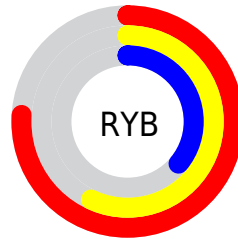
Distribution



Red (76%)

Green (50%)

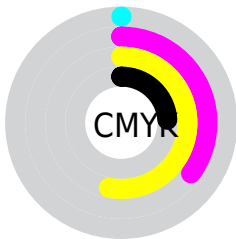
Blue (36%)



Red (76%)

Yellow (57%)

Blue (36%)

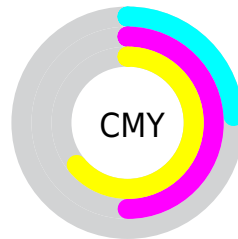


Cyan (0%)

Magenta (35%)

Yellow (53%)

Black (24%)



Cyan (24%)


Magenta (50%)


Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.7258, 27.4034, 13.5148 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 31.7258, 27.4034, 13.5148 by changing the saturation by 10% instead.


 31.7258, 27.4034,
13.5148


 31.7258, 27.4034,
13.5148


301.6358,
289.6050, 225.5136


 21.3067, 17.8764,
7.6491


 61.7491, 55.5305,
32.9302


 13.4621, 10.8613,
3.7867


 82.0840, 74.8994,
47.3171

 7.8267, 5.9736,
1.5091


 106.4548, 98.3178,
65.3814

 4.0351, 2.8291,
0.2247

 135.2269,
126.1700, 87.5416

 1.7220, 1.0432,
0.0000

168.7658,
158.8404, 114.2165

 0.4700, 0.0000,
0.0000

207.4366,

 0.0000, 0.0000,

196.7135, 145.8244

0.0000

251.6048,
240.1736, 182.7839

■ 31.7258, 27.4034,
13.5148

■ 31.7258, 27.4034,
13.5148

■ 29.4658, 24.0541,
9.1528

■ 34.4076, 31.2503,
19.0851

■ 27.6010, 21.1763,
5.9054

■ 37.5316, 35.6109,
25.9447

■ 26.1046, 18.7477,
3.6671

■ 41.1190, 40.5057,
34.1693

■ 24.9445, 16.7418,
2.3113

■ 45.1891, 45.9529,
43.8282

■ 24.3039, 15.5811,
1.7265

■ 49.7599, 51.9695,
54.9861

■ 54.8486, 58.5720,
67.7036

■ 60.4715, 65.7760,
82.0380

■ 66.6440, 73.5966,
98.0437

■ 71.6267, 81.3467,
106.5341

Harmonies

Analogous

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



35.1674, 27.4034, 20.6133



31.7258, 27.4034, 13.5148



27.0314, 27.4034, 10.8656

Triad

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



31.7258, 27.4034, 13.5148



18.0933, 27.4034, 27.1365



29.8420, 27.4034, 60.1364

Complementary

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



31.7258, 27.4034, 13.5148



26.2782, 30.5714, 55.5545

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.



25.0851, 27.4034, 63.4422



31.7258, 27.4034, 13.5148



18.6565, 27.4034, 41.4703

Square

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



31.7258, 27.4034, 13.5148



19.4464, 27.4034, 17.0663



21.0883, 27.4034, 55.7983



33.9919, 27.4034, 47.7773

Rectangle

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



31.7258, 27.4034, 13.5148



23.9625, 27.4034, 11.1694



21.0883, 27.4034, 55.7983



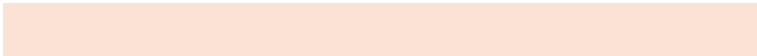
28.2471, 27.4034, 62.4714

Sweetspot

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



31.7265, 27.4048, 13.5153



79.4437, 80.0252, 73.5850



32.3053, 21.4781, 35.5481



17.0549, 17.0670, 15.2998



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.



31.7265, 27.4048, 13.5153



52.6810, 42.5124, 15.3000



39.8256, 43.6030, 16.2150



10.3548, 10.6409, 10.5700



16.0493, 10.3843, 1.1585



0.7585, 0.5789, 0.0718

Inverse Universe

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



26.2782, 30.5714, 55.5545



41.6785, 48.7423, 99.6813



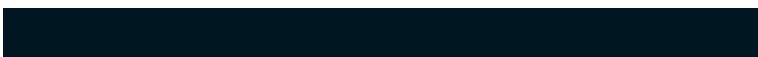
19.4323, 16.8798, 53.2726



10.0626, 10.8166, 12.8423



11.4023, 12.5611, 35.3802



0.5552, 0.6679, 1.5495

Previews

White Background



This preview shows how the XYZ color 31.7258, 27.4034, 13.5148 looks on a white background.

Color Contrast Check

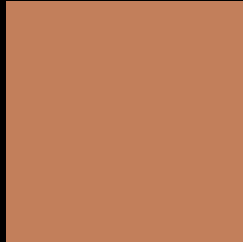
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.7258, 27.4034, 13.5148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

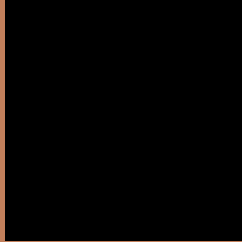
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 31.7258, 27.4034, 13.5148

Background



This preview shows how black text looks on a background with the XYZ color 31.7258, 27.4034, 13.5148.



This preview shows how white text looks on a background with the XYZ color 31.7258, 27.4034,

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

31.7258, 27.4034, 13.5148

Protanopia

25.4977, 27.4766, 15.2689

Deuteranopia

27.9824, 27.4968, 13.2838



Tritanopia

34.0822, 27.4281, 24.9705

Trichromacy



Original Color

31.7258, 27.4034, 13.5148

Protanomaly

27.3734, 27.1526, 14.6247

Deuteranomaly

29.2890, 27.3370, 13.4057

Tritanomaly

33.1250, 27.4120, 20.0682

Monochromacy



Original Color

31.7258, 27.4034, 13.5148

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

27.4840, 27.0279, 22.8371

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.7258, 27.4034, 13.5148 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, 127, 91)` looks like.

```
.text, #text, p{  
    color:rgb(194, 127, 91)  
}
```

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, 127, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 127, 91) }
```

Border

The CSS property to change the border of an element to XYZ 31.7258, 27.4034, 13.5148 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, 127, 91) }
```


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

```
.border{ border-color:rgb(194, 127, 91) }
```

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

Here you see how a box with a 4 pixel rgb(194, 127, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 127, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 127, 91);  
box-shadow:4px 4px 4px 4px rgb(194, 127,  
91) }
```

Background

The CSS property to change the background color of an element to XYZ 31.7258, 27.4034, 13.5148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 127, 91) }
```

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

```
.background{ background-color: rgb(194,  
127, 91) }
```

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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