

Converting Colors

XYZ(31.5271, 27.4532, 14.7953)

Have a look what the booklet for
XYZ(31.5271, 27.4532, 14.7953)
contains.

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Color

**XYZ(31.5687, 27.4893,
14.7085)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | C08060 |
| RGB | 192, 128, 96 |
| RGB Percent | 75%, 50%, 38% |
| CMY | 0.2471, 0.4980, 0.6235 |
| CMYK | 0.00, 0.33, 0.50, 0.25 |
| HSL | 20°, 43%, 56% |
| HSV | 20°, 50%, 75% |
| XYZ | 31.5687, 27.4893, 14.7085 |
| YIQ | 143.4880, 48.4160, 3.6160 |

Conversions

Conversions Part 2

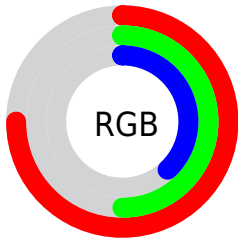
| Format | Color |
|--|---|
| RYB | 192, 144, 96 |
| Decimal | 12615776 |
| CIE Lab | 59.42, 21.16, 27.42 |
| CIE LCh | 59, 34.637, 52.345 |
| Yxy | 27.4893, 0.4280, 0.3727 |
| Android (android.graphics.Color) | 4290805856 (0xFFC08060) |
| YUV | 143.4880, -23.4116, 42.5450 |
| Hunter-Lab | 52.4302, 15.7235, 20.0683 |

Details

The XYZ color **31.5687, 27.4893, 14.7085** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **26.9085, 31.4329, 54.5179**, and the grayscale version is **26.3815, 27.7554, 30.2256**.

A 20% lighter version of the original color is **61.5740, 55.6636, 35.1026**, and **13.4321, 10.9048, 4.3026** is the 20% darker color. If you saturate the color by 10%, you get **29.2250, 24.0480, 10.0859**, and if you desaturate by 10%, it is **34.3403, 31.4409, 20.5393**.

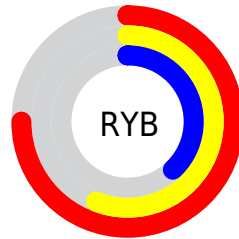
Distribution



Red (75%)

Green (50%)

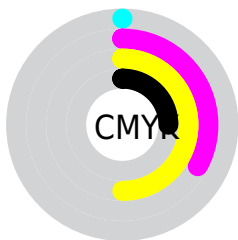
Blue (38%)



Red (75%)

Yellow (56%)

Blue (38%)

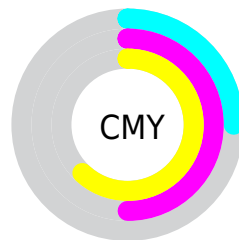


Cyan (0%)

Magenta (33%)

Yellow (50%)

Black (25%)



Cyan (25%)


Magenta (50%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.5687, 27.4893, 14.7085 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 31.5687, 27.4893, 14.7085 by changing the saturation by 10% instead.


 31.5687, 27.4893,
14.7085


 31.5687, 27.4893,
14.7085


300.9301,
290.0185, 233.1747


 21.1862, 17.9410,
8.4707

 61.5041, 55.6680,
35.0760

 13.3734, 10.9077,
4.3055


 81.7877, 75.0673,
50.0428

 7.7650, 6.0048,
1.7944


 106.1025, 98.5191,
68.7564

 3.9955, 2.8480,
0.4243

 134.8137,
126.4077, 91.6353

 1.6996, 1.0529,
0.0000

168.2867,
159.1175, 119.0980

 0.4560, 0.0000,
0.0000

206.8869,

 0.0000, 0.0000,

197.0330, 151.5632

0.0000

250.9796,
240.5385, 189.4492

■ 31.5687, 27.4893,
14.7085

■ 31.5687, 27.4893,
14.7085

■ 29.2250, 24.0480,
10.0859

■ 34.3403, 31.4409,
20.5393

■ 27.2832, 21.0908,
6.5830

■ 37.5595, 35.9194,
27.6549

■ 25.7177, 18.5953,
4.1017


■ 41.2472, 40.9453,
36.1273


■ 24.4979, 16.5351,
2.5256


■ 45.4223, 46.5370,
46.0230

■ 23.5721, 14.8743,
1.6287


■ 50.1025, 52.7119,
57.4037

 23.5720, 14.8742,
1.6286

 55.3048, 59.4866,
70.3276

 61.0451, 66.8773,
84.8499

 67.3387, 74.8991,
101.0228

 71.8978, 82.6458,
106.7706

Harmonies

Analogous

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



34.6378, 27.4893, 21.7282



31.5687, 27.4893, 14.7085



27.2561, 27.4893, 11.9343

Triad

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



31.5687, 27.4893, 14.7085



18.6944, 27.4893, 26.8569



29.4330, 27.4893, 57.9489

Complementary

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



31.5687, 27.4893, 14.7085



26.9085, 31.4329, 54.5179

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.



25.0310, 27.4893, 60.4424



31.5687, 27.4893, 14.7085



19.1399, 27.4893, 39.9756

Square

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



31.5687, 27.4893, 14.7085



20.0583, 27.4893, 17.5688



21.3509, 27.4893, 53.1394



33.3126, 27.4893, 47.0484

Rectangle

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



31.5687, 27.4893, 14.7085



24.3827, 27.4893, 12.1194



21.3509, 27.4893, 53.1394



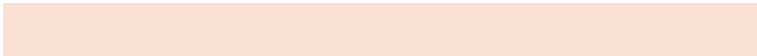
27.9541, 27.4893, 59.9011

Sweetspot

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



31.5694, 27.4907, 14.7090



78.2259, 78.8826, 73.6651



32.2663, 22.1105, 35.8250



16.4425, 16.4672, 15.0019



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.



31.5694, 27.4907, 14.7090



52.5847, 43.0205, 17.5787



39.3749, 43.1016, 17.3109



10.3414, 10.6143, 10.5656



15.9261, 10.1380, 1.1174



0.7523, 0.5663, 0.0697

Inverse Universe

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



26.9085, 31.4329, 54.5179



43.1250, 50.8713, 97.9065



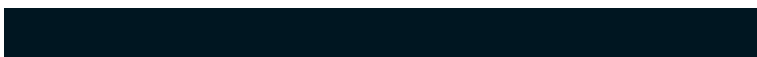
20.1327, 17.8812, 52.2593



10.0765, 10.8443, 12.8469



11.6696, 13.0956, 35.4693



0.5654, 0.6882, 1.5529

Previews

White Background



This preview shows how the XYZ color 31.5687, 27.4893, 14.7085 looks on a white background.

Color Contrast Check

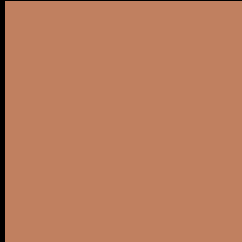
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.5687, 27.4893, 14.7085 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

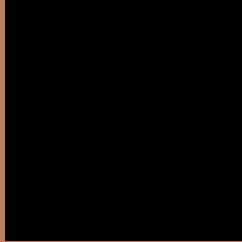
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 31.5687, 27.4893, 14.7085

Background



This preview shows how black text looks on a background with the XYZ color 31.5687, 27.4893, 14.7085.



This preview shows how white text looks on a background with the XYZ color 31.5687, 27.4893,

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

31.5687, 27.4893, 14.7085

Protanopia

25.7383, 27.5728, 16.5359

Deuteranopia

27.9793, 27.4701, 14.4173



Tritanopia

33.7535, 27.4340, 25.3461

Trichromacy



Original Color

31.5687, 27.4893, 14.7085

Protanomaly

27.5372, 27.4219, 15.8982

Deuteranomaly

29.1811, 27.4601, 14.5888

Tritanomaly

32.9115, 27.4685, 21.0201

Monochromacy



Original Color

31.5687, 27.4893, 14.7085

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

27.5523, 27.2604, 23.5483

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.5687, 27.4893, 14.7085 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, 128, 96)` looks like.

```
.text, #text, p{  
    color:rgb(192, 128, 96)  
}
```

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, 128, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 128, 96) }
```

Border

The CSS property to change the border of an element to XYZ 31.5687, 27.4893, 14.7085 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, 128, 96) }
```


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

```
.border{ border-color:rgb(192, 128, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 128, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 128, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 128, 96);  
box-shadow:4px 4px 4px 4px rgb(192, 128,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 31.5687, 27.4893, 14.7085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 128, 96) }
```

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

```
.background{ background-color: rgb(192,  
128, 96) }
```

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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