

Converting Colors

XYZ(24.1507, 31.6277, 16.8886)

Have a look what the booklet for
XYZ(24.1507, 31.6277, 16.8886)
contains.

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Color

**XYZ(24.1498, 31.6265,
16.8883)**

Conversions

Conversions Part 1

Format	Color
Hex	7FA364
RGB	127, 163, 100
RGB Percent	50%, 64%, 39%
CMY	0.5020, 0.3608, 0.6078
CMYK	0.22, 0.00, 0.39, 0.36
HSL	94°, 26%, 52%
HSV	94°, 39%, 64%
XYZ	24.1498, 31.6265, 16.8883
YIQ	145.0540, -1.2330, -27.2250

Conversions

Conversions Part 2

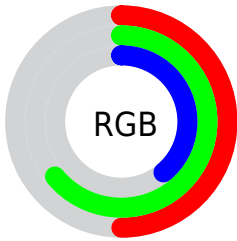
Format	Color
RYB	100, 163, 136
Decimal	8364900
CIELab	63.03, -23.97, 28.81
CIElCh	63, 37.477, 129.769
Yxy	31.6265, 0.3323, 0.4352
Android (android.graphics.Color)	4286554980 (0xFF7FA364)
YUV	145.0540, -22.2116, -15.8334
Hunter-Lab	56.2374, -21.7630, 21.5612

Details

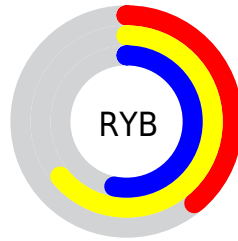
The XYZ color **24.1498, 31.6265, 16.8883** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **21.3228, 16.9939, 36.8084**, and the grayscale version is **27.0241, 28.4314, 30.9618**.

A 20% lighter version of the original color is **49.7950, 62.2336, 39.0936**, and **9.2848, 13.1533, 5.2983** is the 20% darker color. If you saturate the color by 10%, you get **22.1149, 30.6607, 13.0789**, and if you desaturate by 10%, it is **26.4725, 32.7244, 21.5365**.

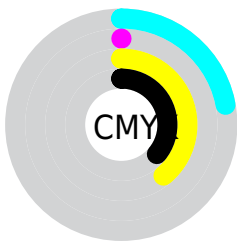
Distribution



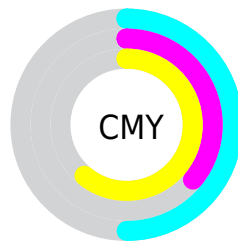
- Red (50%)
- Green (64%)
- Blue (39%)



- Red (39%)
- Yellow (64%)
- Blue (53%)



- Cyan (22%)
- Magenta (0%)
- Yellow (39%)
- Black (36%)



- Cyan (50%)
- Magenta (36%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.1498, 31.6265, 16.8883 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 24.1498, 31.6265, 16.8883 by changing the saturation by 10% instead.

■ 24.1498, 31.6265,
16.8883

■ 24.1498, 31.6265,
16.8883

266.0034,
309.4143, 246.5500

■ 15.5701, 21.0764,
9.9938

■ 49.7274, 62.2251,
38.9216

■ 9.3094, 13.1798,
5.2893

■ 67.4561, 83.0424,
54.8975

■ 5.0023, 7.5525,
2.3563

■ 88.9651, 108.0508,
74.7376

■ 2.2834, 3.8100,
0.7625

■ 114.6199,
137.6348, 98.8605

■ 0.7861, 1.5678,
0.0000

144.7858,
172.1787, 127.6846

■ 0.0000, 0.3358,
0.0000

179.8281,

■ 0.0000, 0.0000,

212.0671, 161.6285

0.0000

220.1121,
257.6841, 201.1108

■ 24.1498, 31.6265,
16.8883

■ 24.1498, 31.6265,
16.8883

■ 22.1149, 30.6607,
13.0789

■ 26.4725, 32.7244,
21.5365

■ 20.3525, 29.8172,
10.0561

■ 29.0925, 33.9554,
27.0673

■ 18.8492, 29.0913,
7.7654


■ 32.0221, 35.3257,
33.5240


■ 17.5894, 28.4765,
6.1441


■ 35.2716, 36.8400,
40.9463


■ 16.5554, 27.9650,
5.1192


■ 38.8514, 38.5027,
49.3716


 15.7164, 27.5442,
4.5514

 42.7709, 40.3178,
58.8355

 15.6130, 27.4923,
4.4837

 47.0393, 42.2895,
69.3718

 51.6656, 44.4216,
81.0125

 56.6581, 46.7177,
93.7886

Harmonies

Analogous

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



28.4079, 31.6265, 13.3388



24.1498, 31.6265, 16.8883



21.6790, 31.6265, 25.5154

Triad

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



24.1498, 31.6265, 16.8883



26.7582, 31.6265, 68.5677



40.9355, 31.6265, 29.8363

Complementary

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



24.1498, 31.6265, 16.8883



21.3228, 16.9939, 36.8084

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.



40.3629, 31.6265, 45.2253



24.1498, 31.6265, 16.8883



31.7750, 31.6265, 70.7119

Square

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



24.1498, 31.6265, 16.8883



23.0611, 31.6265, 55.9967



36.8635, 31.6265, 61.2169



38.3486, 31.6265, 19.2705

Rectangle

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



24.1498, 31.6265, 16.8883



21.1906, 31.6265, 34.3215



36.8635, 31.6265, 61.2169



41.1124, 31.6265, 34.5505

Sweetspot

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



24.1506, 31.6279, 16.8890



55.4074, 62.3567, 55.7107



26.1677, 26.2318, 15.7411



12.2991, 13.9371, 12.1914



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



24.1506, 31.6279, 16.8890



40.2226, 55.2028, 24.5418



20.8626, 29.9087, 17.8240



7.2599, 8.0365, 7.5486



12.1836, 21.3914, 3.4868



0.3096, 0.4771, 0.0758

Inverse Universe

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



21.3228, 16.9939, 36.8084



34.4519, 25.3743, 65.1380



25.9033, 19.3980, 35.0905



7.0697, 7.0503, 8.8913



8.7107, 3.8970, 27.2229



0.2356, 0.1090, 0.5745

Previews

White Background



This preview shows how the XYZ color 24.1498, 31.6265, 16.8883 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 24.1498, 31.6265, 16.8883 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 ✓ Pass

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

XYZ 24.1498, 31.6265, 16.8883

Background



This preview shows how black text looks on a background with the XYZ color 24.1498, 31.6265, 16.8883.



This preview shows how white text looks on a background with the XYZ color 24.1498, 31.6265,

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

24.1498, 31.6265, 16.8883

Protanopia

29.0654, 31.4080, 15.5968

Deuteranopia

32.0690, 31.5023, 17.4870



Tritanopia

29.0129, 31.5511, 41.1200

Trichromacy



Original Color

24.1498, 31.6265, 16.8883

Protanomaly

26.9950, 31.3154, 15.9309

Deuteranomaly

28.5767, 31.1171, 17.3320

Tritanomaly

26.8577, 31.4234, 30.6364

Monochromacy



Original Color

24.1498, 31.6265, 16.8883

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

25.6719, 29.4447, 25.0992

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1498, 31.6265, 16.8883 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(127, 163, 100)` looks like.

```
.text, #text, p{  
    color:rgb(127, 163, 100)  
}
```

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(127, 163, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 163, 100) }
```

Border

The CSS property to change the border of an element to XYZ 24.1498, 31.6265, 16.8883 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(127, 163, 100) }
```


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

```
.border{ border-color:rgb(127, 163, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 163, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 163, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 163, 100);  
box-shadow:4px 4px 4px 4px rgb(127, 163,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1498, 31.6265, 16.8883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 163, 100) }
```

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

```
.background{ background-color: rgb(127,  
163, 100) }
```

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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