

Converting Colors

XYZ(25.3030, 31.7506, 19.1054)

Have a look what the booklet for
XYZ(25.3030, 31.7506, 19.1054)
contains.

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Color

**XYZ(25.2832, 31.6408,
18.9621)**

Conversions

Conversions Part 1

Format	Color
Hex	86A16C
RGB	134, 161, 108
RGB Percent	53%, 63%, 42%
CMY	0.4745, 0.3686, 0.5765
CMYK	0.17, 0.00, 0.33, 0.37
HSL	91°, 22%, 53%
HSV	91°, 33%, 63%
XYZ	25.2832, 31.6408, 18.9621
YIQ	146.8850, 0.9210, -22.2070

Conversions

Conversions Part 2

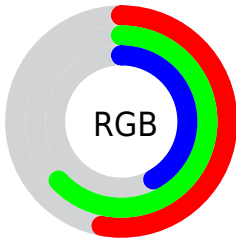
Format	Color
RYB	108, 161, 135
Decimal	8823148
CIELab	63.04, -19.15, 24.60
CIELCh	63, 31.170, 127.898
Yxy	31.6408, 0.3332, 0.4170
Android (android.graphics.Color)	4287013228 (0xFF86A16C)
YUV	146.8850, -19.1703, -11.3001
Hunter-Lab	56.2502, -18.2060, 19.3883

Details

The XYZ color **25.2832, 31.6408, 18.9621** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **21.7886, 18.4501, 36.1328**, and the grayscale version is **27.7628, 29.2086, 31.8082**.

A 20% lighter version of the original color is **51.6401, 62.3412, 42.5690**, and **9.8515, 13.1025, 6.2848** is the 20% darker color. If you saturate the color by 10%, you get **23.2474, 30.6823, 14.7996**, and if you desaturate by 10%, it is **27.5803, 32.7177, 23.9642**.

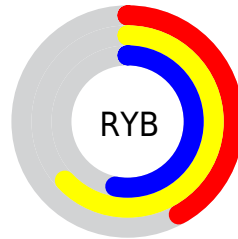
Distribution



Red (53%)

Green (63%)

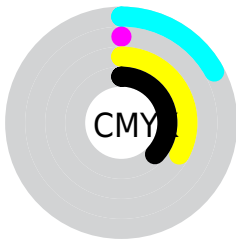
Blue (42%)



Red (42%)

Yellow (63%)

Blue (53%)

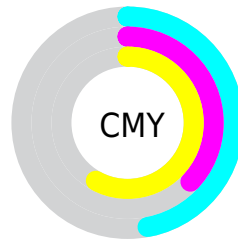


Cyan (17%)

Magenta (0%)

Yellow (33%)

Black (37%)



Cyan (47%)

Magenta (37%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2832, 31.6408, 18.9621 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 25.2832, 31.6408, 18.9621 by changing the saturation by 10% instead.

■ 25.2832, 31.6408,
18.9621

■ 25.2832, 31.6408,
18.9621

271.5671,
309.4797, 258.6552

■ 16.4180, 21.0873,
11.4664

■ 51.5559, 62.2476,
42.5059

■ 9.9132, 13.1878,
6.2633

■ 69.6941, 83.0696,
59.3910

■ 5.4032, 7.5580,
2.9345

■ 91.6540, 108.0832,
80.2430

■ 2.5229, 3.8135,
1.0613

■ 117.8011,
137.6729, 105.4805

■ 0.9068, 1.5698,
0.0000

148.5005,
172.2230, 135.5219

■ 0.0000, 0.3371,
0.0000

184.1178,

■ 0.0000, 0.0000,

212.1179, 170.7858

0.0000

225.0182,
257.7420, 211.6907

■ 25.2832, 31.6408,
18.9621

■ 25.2832, 31.6408,
18.9621

■ 23.2474, 30.6823,
14.7996

■ 27.5803, 32.7177,
23.9642

■ 21.4595, 29.8334,
11.4286

■ 30.1466, 33.9131,
29.8463

■ 19.9083, 29.0903,
8.7993


■ 32.9926, 35.2326,
36.6488


■ 18.5808, 28.4476,
6.8553


■ 36.1273, 36.6801,
44.4089


■ 17.4621, 27.8990,
5.5322

■ 39.5594, 38.2593,
53.1619


 16.5350, 27.4374,
4.7533

 43.2973, 39.9736,
62.9410

 15.9680, 27.1523,
4.3993

 47.3489, 41.8266,
73.7781

 51.7217, 43.8215,
85.7036

 56.4233, 45.9614,
98.7469

Harmonies

Analogous

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



28.9537, 31.6408, 15.9409



25.2832, 31.6408, 18.9621



23.0562, 31.6408, 26.3007

Triad

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



25.2832, 31.6408, 18.9621



27.0737, 31.6408, 61.3218



39.0125, 31.6408, 31.3044

Complementary

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



25.2832, 31.6408, 18.9621



21.7886, 18.4501, 36.1328

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.



38.3875, 31.6408, 44.1331



25.2832, 31.6408, 18.9621



31.2221, 31.6408, 63.5708

Square

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



25.2832, 31.6408, 18.9621



24.0193, 31.6408, 51.1070



35.4339, 31.6408, 56.6739



37.0684, 31.6408, 21.8757

Rectangle

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



25.2832, 31.6408, 18.9621



22.5564, 31.6408, 33.5916



35.4339, 31.6408, 56.6739



39.0991, 31.6408, 35.3259

Sweetspot

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



25.2840, 31.6422, 18.9628



55.3293, 61.3556, 56.6111



26.0003, 25.8497, 17.8070



11.9919, 13.3900, 12.0786



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



25.2840, 31.6422, 18.9628



42.3845, 55.3023, 27.9970



21.6369, 29.7620, 18.7921



7.3009, 8.0576, 7.5506



12.7994, 21.7088, 3.5156



0.3235, 0.4843, 0.0764

Inverse Universe

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



21.7886, 18.4501, 36.1328



35.0769, 27.7252, 63.8893



26.4948, 20.8763, 36.3530



7.0284, 7.0290, 8.8894



7.9659, 3.5131, 27.1880



0.2218, 0.1019, 0.5738

Previews

White Background



This preview shows how the XYZ color 25.2832, 31.6408, 18.9621 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 25.2832, 31.6408, 18.9621 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 25.2832, 31.6408, 18.9621

Background



This preview shows how black text looks on a background with the XYZ color 25.2832, 31.6408, 18.9621.



This preview shows how white text looks on a background with the XYZ color 25.2832, 31.6408,

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

25.2832, 31.6408, 18.9621

Protanopia

29.2440, 31.4553, 17.6269

Deuteranopia

31.9705, 31.4088, 19.4164



Tritanopia

29.7662, 31.7040, 40.6270

Trichromacy



Original Color

25.2832, 31.6408, 18.9621

Protanomaly

27.5976, 31.3326, 17.9579

Deuteranomaly

28.9853, 31.0455, 19.2165

Tritanomaly

27.9830, 31.7337, 31.4384

Monochromacy



Original Color

25.2832, 31.6408, 18.9621

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

26.6172, 29.9007, 26.5588

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2832, 31.6408, 18.9621 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(134, 161, 108)` looks like.

```
.text, #text, p{  
    color:rgb(134, 161, 108)  
}
```

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(134, 161, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 161, 108) }
```

Border

The CSS property to change the border of an element to XYZ 25.2832, 31.6408, 18.9621 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(134, 161, 108) }
```


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

```
.border{ border-color:rgb(134, 161, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 161, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 161, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 161, 108);  
box-shadow:4px 4px 4px 4px rgb(134, 161,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2832, 31.6408, 18.9621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 161, 108) }
```

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

```
.background{ background-color: rgb(134,  
161, 108) }
```

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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