

Converting Colors

XYZ(25.1763, 31.1547, 4.6865)

Have a look what the booklet for
XYZ(25.1763, 31.1547, 4.6865)
contains.

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Color

**XYZ(25.1758, 31.1291,
4.6816)**

Conversions

Conversions Part 1

Format	Color
Hex	989E00
RGB	152, 158, 0
RGB Percent	60%, 62%, 0%
CMY	0.4039, 0.3804, 0.9999
CMYK	0.04, 0.00, 1.00, 0.38
HSL	62°, 100%, 31%
HSV	62°, 100%, 62%
XYZ	25.1758, 31.1291, 4.6816
YIQ	138.1940, 47.1420, -50.4100

Conversions

Conversions Part 2

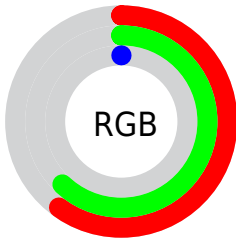
Format	Color
RYB	0, 158, 6
Decimal	10001920
CIELab	62.62, -17.76, 65.48
CIELCh	63, 67.844, 105.172
Yxy	31.1291, 0.4128, 0.5104
Android (android.graphics.Color)	4288192000 (0xFF989E00)
YUV	138.1940, -68.1296, 12.1079
Hunter-Lab	55.7935, -17.0936, 34.0804

Details

The XYZ color **25.1758, 31.1291, 4.6816** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **6.2474, 2.5079, 32.5044**, and the grayscale version is **24.4725, 25.7470, 28.0385**.

A 20% lighter version of the original color is **51.3579, 61.2830, 15.6005**, and **10.1875, 13.0568, 1.9833** is the 20% darker color. If you saturate the color by 10%, you get **25.1763, 31.1305, 4.6818**, and if you desaturate by 10%, it is **25.3813, 31.2255, 5.1723**.

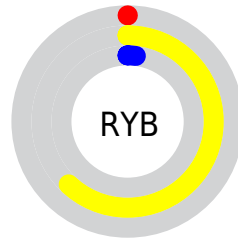
Distribution



Red (60%)

Green (62%)

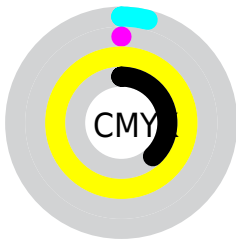
Blue (0%)



Red (0%)

Yellow (62%)

Blue (2%)

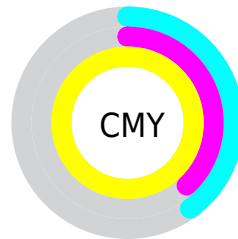


Cyan (4%)

Magenta (0%)

Yellow (100%)

Black (38%)



Cyan (40%)


Magenta (38%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.1758, 31.1291, 4.6816 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 25.1758, 31.1291, 4.6816 by changing the saturation by 10% instead.


 25.1758, 31.1291,
4.6816


 25.1758, 31.1291,
4.6816


271.0438,
307.1326, 155.5243


 16.3375, 20.6972,
2.0062


 51.3831, 61.4433,
15.5535


 9.8557, 12.9028,
0.5591


 69.4829, 82.0943,
24.5871


 5.3649, 7.3617,
0.0000


 91.4005, 106.9205,
36.5772

 2.4998, 3.6893,
0.0000

 117.5013,
136.3062, 51.9424

 0.8952, 1.5013,
0.0000

 148.1507,
170.6359, 71.1012

 0.0000, 0.2897,
0.0000


 183.7140,


 0.0000, 0.0000,


210.2940, 94.4720


0.0000


 224.5566,
255.6647, 122.4735

 25.1758, 31.1291,
4.6816


 25.1758, 31.1291,
4.6816


 25.1763, 31.1305,
4.6818

 25.3813, 31.2255,
5.1723

 25.6579, 31.3492,
6.0379

 26.0377, 31.5143,
7.4439

 26.5338, 31.7259,
9.4594

 27.1574, 31.9887,
12.1432

■ 27.9183, 32.3064,
15.5469

■ 28.8254, 32.6826,
19.7175

■ 29.8868, 33.1206,
24.6977

■ 31.1100, 33.6235,
30.5271

Harmonies

Analogous

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



34.3723, 31.1291, 4.6605



25.1758, 31.1291, 4.6816



18.6886, 31.1291, 9.1858

Triad

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



25.1758, 31.1291, 4.6816



18.7441, 31.1291, 84.3199



50.3059, 31.1291, 48.6592

Complementary

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



25.1758, 31.1291, 4.6816



6.2474, 2.5079, 32.5044

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.



44.0653, 31.1291, 83.9244



25.1758, 31.1291, 4.6816



25.2683, 31.1291, 110.7397

Square

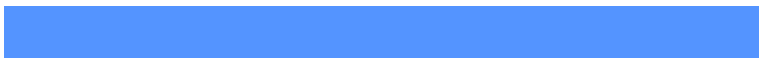
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



25.1758, 31.1291, 4.6816



15.5364, 31.1291, 49.0352



34.4861, 31.1291, 110.5659



50.2667, 31.1291, 22.2431

Rectangle

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



25.1758, 31.1291, 4.6816



16.2119, 31.1291, 16.7004



34.4861, 31.1291, 110.5659



48.8239, 31.1291, 60.0713

Sweetspot

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



25.1765, 31.1305, 4.6822



52.2382, 59.3044, 35.3142



14.1587, 7.3842, 0.6794



11.6236, 13.3066, 7.2522



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.



25.1765, 31.1305, 4.6822



45.6777, 56.5091, 8.4999



15.0319, 25.9008, 4.2075



7.1452, 7.7075, 7.0968



20.1702, 24.9349, 3.7498



0.3675, 0.4494, 0.0674

Inverse Universe

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



6.2474, 2.5079, 32.5044



11.3058, 4.5337, 59.0227



9.8529, 4.3666, 32.6732



6.3069, 6.4467, 8.3186



5.0107, 2.0121, 26.0315



0.0957, 0.0391, 0.4657

Previews

White Background



This preview shows how the XYZ color 25.1758, 31.1291, 4.6816 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 25.1758, 31.1291, 4.6816 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 25.1758, 31.1291, 4.6816

Background



This preview shows how black text looks on a background with the XYZ color 25.1758, 31.1291, 4.6816.



This preview shows how white text looks on a background with the XYZ color 25.1758, 31.1291,

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

25.1758, 31.1291, 4.6816

Protanopia

28.0228, 31.1144, 4.5287

Deuteranopia

31.6346, 31.0931, 5.2539



Tritanopia

31.7095, 31.1226, 36.6837

Trichromacy



Original Color

25.1758, 31.1291, 4.6816

Protanomaly

26.8654, 31.0037, 4.5684

Deuteranomaly

28.9724, 30.8794, 4.9235

Tritanomaly

27.7136, 30.4437, 16.7275

Monochromacy



Original Color

25.1758, 31.1291, 4.6816

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

23.2145, 26.7950, 13.1809

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1758, 31.1291, 4.6816 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(152, 158, 0)` looks like.

```
.text, #text, p{  
    color:rgb(152, 158, 0)  
}
```

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(152, 158, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 158, 0) }
```

Border

The CSS property to change the border of an element to XYZ 25.1758, 31.1291, 4.6816 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(152, 158, 0) }
```


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

```
.border{ border-color:rgb(152, 158, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 158, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 158, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 158, 0);  
box-shadow:4px 4px 4px 4px rgb(152, 158,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1758, 31.1291, 4.6816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 158, 0) }
```

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

```
.background{ background-color: rgb(152,  
158, 0) }
```

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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