

Converting Colors

XYZ(26.0336, 31.3688, 4.6827)

Have a look what the booklet for
XYZ(26.0336, 31.3688, 4.6827)
contains.

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Color

**XYZ(25.9616, 31.2820,
4.6697)**

Conversions

Conversions Part 1

Format	Color
Hex	9D9D00
RGB	157, 157, 0
RGB Percent	62%, 62%, 0%
CMY	0.3843, 0.3843, 0.9999
CMYK	0.00, 0.00, 1.00, 0.38
HSL	60°, 100%, 31%
HSV	60°, 100%, 62%
XYZ	25.9616, 31.2820, 4.6697
YIQ	139.1020, 50.3970, -48.8270

Conversions

Conversions Part 2

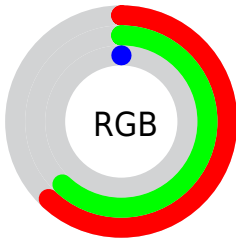
Format	Color
RYB	0, 157, 0
Decimal	10329344
CIELab	62.74, -15.00, 65.76
CIELCh	63, 67.450, 102.852
Yxy	31.2820, 0.4193, 0.5053
Android (android.graphics.Color)	4288519424 (0xFF9D9D00)
YUV	139.1020, -68.5773, 15.6965
Hunter-Lab	55.9303, -15.0223, 34.2010

Details

The XYZ color **25.9616, 31.2820, 4.6697** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **6.0865, 2.4349, 32.0494**, and the grayscale version is **24.8237, 26.1164, 28.4408**.

A 20% lighter version of the original color is **52.5546, 61.5300, 15.5851**, and **10.5209, 13.0748, 1.9692** is the 20% darker color. If you saturate the color by 10%, you get **25.9622, 31.2834, 4.6700**, and if you desaturate by 10%, it is **26.0537, 31.3200, 5.1513**.

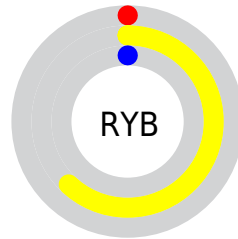
Distribution



Red (62%)

Green (62%)

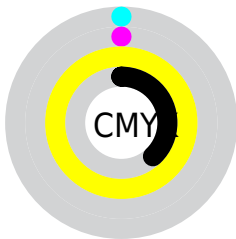
Blue (0%)



Red (0%)

Yellow (62%)

Blue (0%)

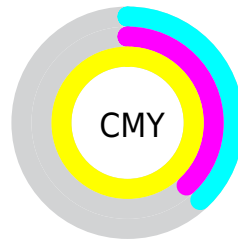


Cyan (0%)

Magenta (0%)

Yellow (100%)

Black (38%)



Cyan (38%)

Magenta (38%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9616, 31.2820, 4.6697 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 25.9616, 31.2820, 4.6697 by changing the saturation by 10% instead.

■ 25.9616, 31.2820,
4.6697

■ 25.9616, 31.2820,
4.6697

274.8537,
307.8354, 155.4012

■ 16.9274, 20.8137,
1.9995

■ 52.6447, 61.6838,
15.5270

■ 10.2778, 12.9879,
0.5550

■ 71.0244, 82.3860,
24.5512

■ 5.6472, 7.4202,
0.0000

■ 93.2500, 107.2684,
36.5304

■ 2.6704, 3.7263,
0.0000

■ 119.6868,
136.7152, 51.8832

■ 0.9819, 1.5216,
0.0000

■ 150.7003,
171.1109, 71.0281


■ 0.0000, 0.3039,
0.0000


■ 186.6556,


■ 0.0000, 0.0000,


210.8400, 94.3838


0.0000


 227.9183,
256.2866, 122.3686


 25.9616, 31.2820,
4.6697


 25.9616, 31.2820,
4.6697


 25.9622, 31.2834,
4.6700

 26.0537, 31.3200,
5.1513

 26.2152, 31.3847,
6.0013

 26.4779, 31.4897,
7.3841

 26.8546, 31.6404,
9.3674

 27.3564, 31.8412,
12.0091

■ 27.9929, 32.0958,
15.3603

■ 28.7728, 32.4077,
19.4668

■ 29.7042, 32.7803,
24.3709

■ 30.7944, 33.2164,
30.1116

Harmonies

Analogous

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



35.2711, 31.2820, 4.9365



25.9616, 31.2820, 4.6697



19.2332, 31.2820, 8.7535

Triad

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



25.9616, 31.2820, 4.6697



18.5389, 31.2820, 81.5656



50.0901, 31.2820, 51.3281

Complementary

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



25.9616, 31.2820, 4.6697



6.0865, 2.4349, 32.0494

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.



43.4906, 31.2820, 86.4780



25.9616, 31.2820, 4.6697



24.8065, 31.2820, 109.2409

Square

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



25.9616, 31.2820, 4.6697



15.5830, 31.2820, 46.6461



33.8522, 31.2820, 111.3972



50.5787, 31.2820, 23.9710

Rectangle

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



25.9616, 31.2820, 4.6697



16.5845, 31.2820, 15.7512



33.8522, 31.2820, 111.3972



48.4589, 31.2820, 62.8723

Sweetspot

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



25.9623, 31.2835, 4.6703



51.4370, 58.0000, 34.3913



13.9057, 7.1688, 0.6512



11.1930, 12.7124, 6.9075



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



25.9623, 31.2835, 4.6703



46.4930, 56.0222, 8.3629



15.2415, 25.7567, 4.1686



7.1702, 7.7204, 7.0979



21.0848, 25.4063, 3.7926



0.3770, 0.4543, 0.0678

Inverse Universe

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



6.0865, 2.4349, 32.0494



10.8992, 4.3597, 57.3938



9.2701, 4.0760, 32.1984



6.2848, 6.4353, 8.3176



4.9428, 1.9771, 26.0283



0.0884, 0.0354, 0.4654

Previews

White Background



This preview shows how the XYZ color 25.9616, 31.2820, 4.6697 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 25.9616, 31.2820, 4.6697 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

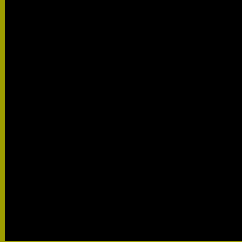
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.9616, 31.2820, 4.6697

Background



This preview shows how black text looks on a background with the XYZ color 25.9616, 31.2820, 4.6697.



This preview shows how white text looks on a background with the XYZ color 25.9616, 31.2820,

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

25.9616, 31.2820, 4.6697

Protanopia

28.0228, 31.1144, 4.5287

Deuteranopia

31.8764, 31.2189, 5.2099



Tritanopia

32.3010, 31.2076, 36.2195

Trichromacy



Original Color

25.9616, 31.2820, 4.6697

Protanomaly

27.2815, 31.2182, 4.5878

Deuteranomaly

29.4241, 31.1131, 4.9065

Tritanomaly

28.3109, 30.5193, 16.4553

Monochromacy



Original Color

25.9616, 31.2820, 4.6697

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

23.8944, 27.3733, 13.2567

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9616, 31.2820, 4.6697 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(157, 157, 0)` looks like.

```
.text, #text, p{  
    color:rgb(157, 157, 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(157, 157, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 157, 0) }
```

Border

The CSS property to change the border of an element to XYZ 25.9616, 31.2820, 4.6697 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(157, 157, 0) }
```


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

```
.border{ border-color:rgb(157, 157, 0) }
```

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

Here you see how a box with a 4 pixel rgb(157, 157, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 157, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 157, 0);  
box-shadow:4px 4px 4px 4px rgb(157, 157,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9616, 31.2820, 4.6697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 157, 0) }
```

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

```
.background{ background-color: rgb(157,  
157, 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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