

Converting Colors

XYZ(25.3148, 32.2302, 4.8868)

Have a look what the booklet for
XYZ(25.3148, 32.2302, 4.8868)
contains.

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Color

**XYZ(25.3148, 32.2302,
4.8868)**

Conversions

Conversions Part 1

Format	Color
Hex	95A200
RGB	149, 162, 0
RGB Percent	58%, 64%, 0%
CMY	0.4157, 0.3647, 0.9999
CMYK	0.08, 0.00, 1.00, 0.36
HSL	65°, 100%, 32%
HSV	65°, 100%, 64%
XYZ	25.3148, 32.2302, 4.8868
YIQ	139.6450, 44.2540, -53.1380

Conversions

Conversions Part 2

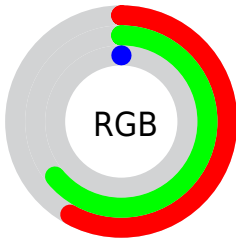
Format	Color
RYB	0, 162, 13
Decimal	9806336
CIELab	63.53, -21.12, 66.05
CIELCh	64, 69.343, 107.728
Yxy	32.2302, 0.4055, 0.5162
Android (android.graphics.Color)	4287996416 (0xFF95A200)
YUV	139.6450, -68.8450, 8.2043
Hunter-Lab	56.7716, -19.7562, 34.6366

Details

The XYZ color **25.3148, 32.2302, 4.8868** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **6.6883, 2.6948, 34.3520**, and the grayscale version is **25.0373, 26.3412, 28.6856**.

A 20% lighter version of the original color is **51.7810, 63.3855, 15.9840**, and **10.3005, 13.7486, 2.1108** is the 20% darker color. If you saturate the color by 10%, you get **25.3153, 32.2316, 4.8871**, and if you desaturate by 10%, it is **25.6492, 32.3927, 5.3992**.

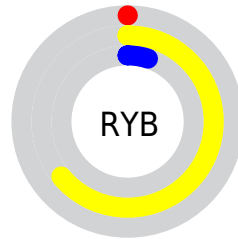
Distribution



Red (58%)

Green (64%)

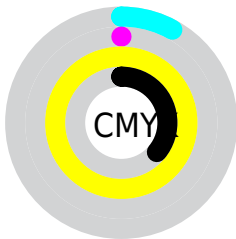
Blue (0%)



Red (0%)

Yellow (64%)

Blue (5%)

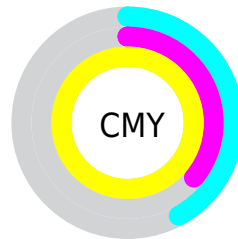


Cyan (8%)

Magenta (0%)

Yellow (100%)

Black (36%)



Cyan (42%)


Magenta (36%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.3148, 32.2302, 4.8868 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 25.3148, 32.2302, 4.8868 by changing the saturation by 10% instead.


 25.3148, 32.2302,
4.8868


 25.3148, 32.2302,
4.8868

271.7209,
312.1666, 157.6239


 16.4417, 21.5374,
2.1234


 51.6067, 63.1718,
16.0082

 9.9301, 13.5174,
0.6297


 69.7562, 84.1894,
25.2034

 5.4145, 7.7858,
0.0000


 91.7286, 109.4173,
37.3795

 2.5297, 3.9582,
0.0000

 117.8892,
139.2400, 52.9551

 0.9103, 1.6502,
0.0000

 148.6034,
174.0419, 72.3489

 0.0000, 0.3911,
0.0000

 184.2365,

 0.0000, 0.0000,

214.2074, 95.9792

0.0000

■ 225.1538,
260.1208, 124.2647

■ 25.3148, 32.2302,
4.8868

■ 25.3148, 32.2302,
4.8868

■ 25.3153, 32.2316,
4.8871

■ 25.6492, 32.3927,
5.3992

■ 26.0618, 32.5856,
6.3123

■ 26.5856, 32.8233,
7.7977

■ 27.2348, 33.1115,
9.9288

■ 28.0211, 33.4548,
12.7683

■ 28.9551, 33.8575,
16.3713

■ 30.0462, 34.3234,
20.7876

■ 31.3030, 34.8559,
26.0626

■ 32.7337, 35.4582,
32.2386

Harmonies

Analogous

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



34.7574, 32.2302, 4.5428



25.3148, 32.2302, 4.8868



18.8345, 32.2302, 10.0822

Triad

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



25.3148, 32.2302, 4.8868



19.7538, 32.2302, 91.0679



52.6255, 32.2302, 47.6690

Complementary

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



25.3148, 32.2302, 4.8868



6.6883, 2.6948, 34.3520

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.



46.5510, 32.2302, 84.4668



25.3148, 32.2302, 4.8868



26.8501, 32.2302, 117.0560

Square

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



25.3148, 32.2302, 4.8868



16.1196, 32.2302, 53.9290



36.6502, 32.2302, 114.1520



51.9713, 32.2302, 21.2500

Rectangle

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



25.3148, 32.2302, 4.8868



16.4503, 32.2302, 18.5357



36.6502, 32.2302, 114.1520



51.2575, 32.2302, 59.3851

Sweetspot

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



25.3155, 32.2317, 4.8875



54.4210, 62.2563, 37.2297



15.0187, 7.9169, 0.7369



12.0377, 13.9036, 7.6055



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.



25.3155, 32.2317, 4.8875



45.8738, 58.4689, 8.8678



15.4621, 27.1520, 4.4263



7.5931, 8.2082, 7.5642



19.9598, 25.4001, 3.8507



0.4348, 0.5416, 0.0816

Inverse Universe

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



6.6883, 2.6948, 34.3520



12.0706, 4.8549, 62.3570



10.9166, 4.8745, 34.5498



6.7507, 6.8859, 8.8764



5.2849, 2.1309, 27.0625



0.1259, 0.0524, 0.5693

Previews

White Background



This preview shows how the XYZ color 25.3148, 32.2302, 4.8868 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 25.3148, 32.2302, 4.8868 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

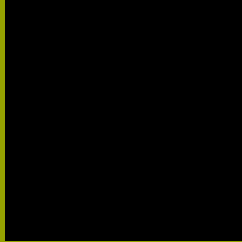
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.3148, 32.2302, 4.8868

Background



This preview shows how black text looks on a background with the XYZ color 25.3148, 32.2302, 4.8868.



This preview shows how white text looks on a background with the XYZ color 25.3148, 32.2302,

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

25.3148, 32.2302, 4.8868

Deuteranopia

32.7248, 32.1062, 5.5092

Tritanopia

32.2861, 32.3189, 38.7189

Trichromacy



Original Color

25.3148, 32.2302, 4.8868

Deuteranomaly

29.6895, 31.9619, 5.1348

Tritanomaly

28.0742, 31.5901, 17.4498

Monochromacy



Original Color

25.3148, 32.2302, 4.8868

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

23.7208, 27.7407, 13.5555

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3148, 32.2302, 4.8868 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(149, 162, 0)` looks like.

```
.text, #text, p{  
    color:rgb(149, 162, 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(149, 162, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 162, 0) }
```

Border

The CSS property to change the border of an element to XYZ 25.3148, 32.2302, 4.8868 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(149, 162, 0) }
```

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

```
.border{ border-color:rgb(149, 162, 0) }
```

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

Here you see how a box with a 4 pixel rgb(149, 162, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 162, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 162, 0);  
box-shadow:4px 4px 4px 4px rgb(149, 162,  
0) }
```


Background

The CSS property to change the background color of an element to XYZ 25.3148, 32.2302, 4.8868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 162, 0) }
```

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

```
.background{ background-color: rgb(149,  
162, 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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