

Converting Colors

XYZ(25.5134, 32.6480, 4.9570)

Have a look what the booklet for
XYZ(25.5134, 32.6480, 4.9570)
contains.

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Color

**XYZ(25.4916, 32.5839,
4.9458)**

Conversions

Conversions Part 1

Format	Color
Hex	95A300
RGB	149, 163, 0
RGB Percent	58%, 64%, 0%
CMY	0.4157, 0.3608, 0.9999
CMYK	0.09, 0.00, 1.00, 0.36
HSL	65°, 100%, 32%
HSV	65°, 100%, 64%
XYZ	25.4916, 32.5839, 4.9458
YIQ	140.2320, 43.9790, -53.6610

Conversions

Conversions Part 2

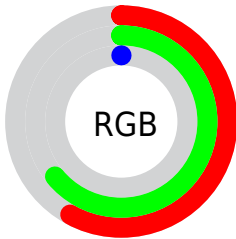
Format	Color
RYB	0, 163, 14
Decimal	9806592
CIELab	63.82, -21.62, 66.27
CIELCh	64, 69.702, 108.068
Yxy	32.5839, 0.4045, 0.5170
Android (android.graphics.Color)	4287996672 (0xFF95A300)
YUV	140.2320, -69.1344, 7.6895
Hunter-Lab	57.0823, -20.1802, 34.8205

Details

The XYZ color **25.4916, 32.5839, 4.9458** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **6.7928, 2.7384, 34.8228**, and the grayscale version is **25.2677, 26.5836, 28.9496**.

A 20% lighter version of the original color is **52.0735, 63.9162, 16.2491**, and **10.3005, 13.7486, 2.1108** is the 20% darker color. If you saturate the color by 10%, you get **25.4920, 32.5852, 4.9460**, and if you desaturate by 10%, it is **25.8453, 32.7563, 5.4631**.

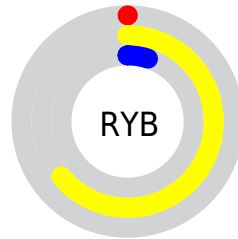
Distribution



Red (58%)

Green (64%)

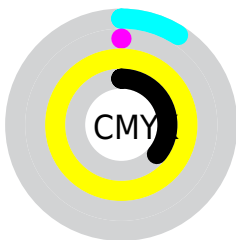
Blue (0%)



Red (0%)

Yellow (64%)

Blue (5%)

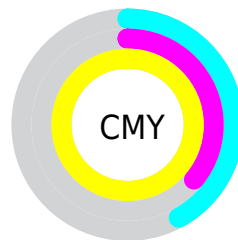


Cyan (9%)

Magenta (0%)

Yellow (100%)

Black (36%)



Cyan (42%)

Magenta (36%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.4916, 32.5839, 4.9458 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 25.4916, 32.5839, 4.9458 by changing the saturation by 10% instead.

■ 25.4916, 32.5839,
4.9458

■ 25.4916, 32.5839,
4.9458

272.5801,
313.7706, 158.2201

■ 16.5744, 21.8079,
2.1573

■ 51.8908, 63.7253,
16.1382

■ 10.0249, 13.7158,
0.6496

■ 70.1035, 84.8596,
25.3792

■ 5.4779, 7.9233,
0.0000

■ 92.1453, 110.2153,
37.6081

■ 2.5679, 4.0459,
0.0000

■ 118.3818,
140.1769, 53.2434

■ 0.9296, 1.6993,
0.0000

■ 149.1781,
175.1289, 72.7038

■ 0.0000, 0.4232,
0.0000

■ 184.8997,

■ 0.0000, 0.0000,

215.4556, 96.4076

0.0000

225.9119,
261.5413, 124.7736

25.4916, 32.5839,
4.9458

25.4916, 32.5839,
4.9458

25.4920, 32.5852,
4.9460

25.8453, 32.7563,
5.4631

26.2787, 32.9597,
6.3877

26.8254, 33.2088,
7.8926

27.4997, 33.5093,
10.0527

28.3134, 33.8659,
12.9313

■ 29.2774, 34.2830,
16.5845

■ 30.4011, 34.7643,
21.0629

■ 31.6935, 35.3135,
26.4126

■ 33.1625, 35.9337,
32.6765

Harmonies

Analogous

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



35.0269, 32.5839, 4.5551



25.4916, 32.5839, 4.9458



18.9718, 32.5839, 10.2722

Triad

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



25.4916, 32.5839, 4.9458



20.0180, 32.5839, 92.5874



53.2767, 32.5839, 47.8314

Complementary

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



25.4916, 32.5839, 4.9458



6.7928, 2.7384, 34.8228

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.



47.1888, 32.5839, 85.0677



25.4916, 32.5839, 4.9458



27.2391, 32.5839, 118.6694

Square

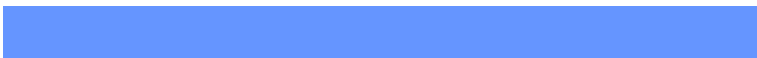
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



25.4916, 32.5839, 4.9458



16.3010, 32.5839, 54.9600



37.1820, 32.5839, 115.3609



52.5317, 32.5839, 21.2486

Rectangle

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



25.4916, 32.5839, 4.9458



16.5857, 32.5839, 18.9127



37.1820, 32.5839, 115.3609



51.9166, 32.5839, 59.6615

Sweetspot

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



25.4923, 32.5854, 4.9465



54.3212, 62.2048, 37.2250



15.2569, 8.0904, 0.7579



12.0124, 13.8906, 7.6043



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.



25.4923, 32.5854, 4.9465



45.5669, 58.3107, 8.8535



15.4769, 27.4222, 4.4778



7.5891, 8.2062, 7.5641



19.8299, 25.3332, 3.8446



0.4330, 0.5407, 0.0815

Inverse Universe

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



6.7928, 2.7384, 34.8228



12.0925, 4.8662, 62.3580



11.3403, 5.0827, 35.0356



6.7543, 6.8877, 8.8765



5.2964, 2.1369, 27.0631



0.1272, 0.0531, 0.5694

Previews

White Background



This preview shows how the XYZ color 25.4916, 32.5839, 4.9458 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 25.4916, 32.5839, 4.9458 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 25.4916, 32.5839, 4.9458

Background



This preview shows how black text looks on a background with the XYZ color 25.4916, 32.5839, 4.9458.



This preview shows how white text looks on a background with the XYZ color 25.4916, 32.5839,

4.9458.

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

25.4916, 32.5839, 4.9458

Protanopia

29.1769, 32.4414, 4.7240

Deuteranopia

32.9824, 32.2390, 5.5213



Tritanopia

32.3754, 32.3546, 39.1890

Trichromacy



Original Color

25.4916, 32.5839, 4.9458

Protanomaly

27.7439, 32.4531, 4.8018

Deuteranomaly

29.6895, 31.9619, 5.1348

Tritanomaly

28.1247, 31.6103, 17.7158

Monochromacy



Original Color

25.4916, 32.5839, 4.9458

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 25.4916, 32.5839, 4.9458 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, 163, 0)` looks like.

```
.text, #text, p{  
    color:rgb(149, 163, 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, 163, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 163, 0) }
```

Border

The CSS property to change the border of an element to XYZ 25.4916, 32.5839, 4.9458 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, 163, 0) }
```


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

```
.border{ border-color:rgb(149, 163, 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, 163, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 163, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 163, 0);  
box-shadow:4px 4px 4px 4px rgb(149, 163,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4916, 32.5839, 4.9458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 163, 0) }
```

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

```
.background{ background-color: rgb(149,  
163, 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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