

Converting Colors

XYZ(19.3498, 25.8487, 3.9695)

Have a look what the booklet for
XYZ(19.3498, 25.8487, 3.9695)
contains.

XYZ(19.3516, 25.9305, 3.9852)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(19.3516, 25.9305,
3.9852)**

Conversions

Conversions Part 1

Format	Color
Hex	7E9500
RGB	126, 149, 0
RGB Percent	49%, 58%, 0%
CMY	0.5059, 0.4157, 0.9999
CMYK	0.15, 0.00, 1.00, 0.42
HSL	69°, 100%, 29%
HSV	69°, 100%, 58%
XYZ	19.3516, 25.9305, 3.9852
YIQ	125.1370, 34.1210, -51.2150

Conversions

Conversions Part 2

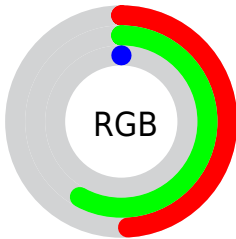
Format	Color
RYB	0, 149, 23
Decimal	8295680
CIELab	57.97, -24.69, 61.13
CIELCh	58, 65.932, 111.996
Yxy	25.9305, 0.3928, 0.5263
Android (android.graphics.Color)	4286485760 (0xFF7E9500)
YUV	125.1370, -61.6925, 0.7569
Hunter-Lab	50.9220, -21.2792, 31.0053

Details

The XYZ color **19.3516, 25.9305, 3.9852** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **5.7790, 2.3527, 28.5849**, and the grayscale version is **19.7337, 20.7614, 22.6092**.

A 20% lighter version of the original color is **41.7847, 53.1119, 14.0106**, and **7.0402, 10.1131, 1.5810** is the 20% darker color. If you saturate the color by 10%, you get **19.3518, 25.9315, 3.9853**, and if you desaturate by 10%, it is **19.7809, 26.1428, 4.4522**.

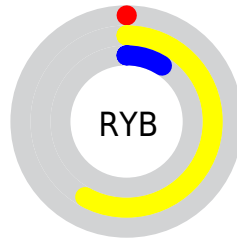
Distribution



Red (49%)

Green (58%)

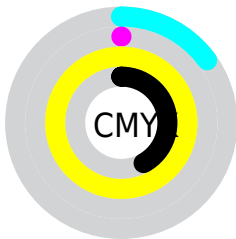
Blue (0%)



Red (0%)

Yellow (58%)

Blue (9%)

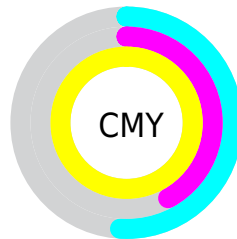


Cyan (15%)

Magenta (0%)

Yellow (100%)

Black (42%)



Cyan (51%)

Magenta (42%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.3516, 25.9305, 3.9852 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 19.3516, 25.9305, 3.9852 by changing the saturation by 10% instead.

■ 19.3516, 25.9305,
3.9852

■ 19.3516, 25.9305,
3.9852

241.2840,
282.4407, 148.0607

■ 12.0301, 16.7717,
1.6172

■ 41.8397, 53.1628,
13.9756

■ 6.8365, 10.0718,
0.3031

■ 57.7370, 72.0051,
22.4351

■ 3.4055, 5.4466,
0.0000

■ 77.2236, 94.8439,
33.7623

■ 1.3717, 2.5116,
0.0000

■ 100.6649,
122.0637, 48.3755

■ 0.2359, 0.8824,
0.0000

■ 128.4262,
154.0489, 66.6934

■ 0.0000, 0.0000,
0.0000

■ 160.8730,

191.1839, 89.1346

198.3704,
233.8530, 116.1175

19.3516, 25.9305,
3.9852

19.3516, 25.9305,
3.9852

19.3518, 25.9315,
3.9853

19.7809, 26.1428,
4.4522

20.2783, 26.3823,
5.2394

20.8735, 26.6619,
6.5000

21.5777, 26.9859,
8.2934

22.4006, 27.3584,
10.6701

■ 23.3508, 27.7827,
13.6749

■ 24.4360, 28.2620,
17.3483

■ 25.6633, 28.7990,
21.7273

■ 27.0391, 29.3964,
26.8461

Harmonies

Analogous

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



26.8369, 25.9305, 3.2826



19.3516, 25.9305, 3.9852



14.4549, 25.9305, 8.9444

Triad

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



19.3516, 25.9305, 3.9852



16.3800, 25.9305, 78.7012



43.0986, 25.9305, 34.7800

Complementary

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



19.3516, 25.9305, 3.9852



5.7790, 2.3527, 28.5849

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.



38.7635, 25.9305, 64.6866



19.3516, 25.9305, 3.9852



22.5781, 25.9305, 97.5810

Square

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



19.3516, 25.9305, 3.9852



13.0141, 25.9305, 48.0152



30.8278, 25.9305, 91.4048



41.7145, 25.9305, 14.8039

Rectangle

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



19.3516, 25.9305, 3.9852



12.7775, 25.9305, 16.7474



30.8278, 25.9305, 91.4048



42.2341, 25.9305, 44.0453

Sweetspot

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



19.3522, 25.9317, 3.9857



43.6320, 50.5548, 30.6245



12.6891, 6.9777, 0.6784



9.5006, 11.1292, 6.2072



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



19.3522, 25.9317, 3.9857



34.5317, 46.3740, 7.1311



12.1726, 22.2304, 3.6497



6.1784, 6.6998, 6.2080



16.3064, 21.8341, 3.3550



0.2187, 0.2771, 0.0420

Inverse Universe

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



5.7790, 2.3527, 28.5849



10.2483, 4.1609, 51.1842



10.3398, 4.7039, 28.7983



5.5779, 5.6734, 7.2708



4.8806, 1.9886, 24.0576



0.0756, 0.0325, 0.2952

Previews

White Background



This preview shows how the XYZ color 19.3516, 25.9305, 3.9852 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 19.3516, 25.9305, 3.9852 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 × Fail

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

XYZ 19.3516, 25.9305, 3.9852

Background



This preview shows how black text looks on a background with the XYZ color 19.3516, 25.9305, 3.9852.



This preview shows how white text looks on a background with the XYZ color 19.3516, 25.9305,

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

19.3516, 25.9305, 3.9852

Protanopia

23.1372, 25.6333, 3.7283

Deuteranopia

26.1169, 25.6911, 4.5596



Tritanopia

24.9945, 25.7502, 32.0867

Trichromacy



Original Color

19.3516, 25.9305, 3.9852

Protanomaly

21.6765, 25.7559, 3.8289

Deuteranomaly

23.0943, 25.3855, 4.2130

Tritanomaly

21.5701, 25.2406, 14.5615

Monochromacy



Original Color

19.3516, 25.9305, 3.9852

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

18.4305, 21.9894, 10.8624

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.3516, 25.9305, 3.9852 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(126, 149, 0)` looks like.

```
.text, #text, p{  
    color:rgb(126, 149, 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(126, 149, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 149, 0) }
```

Border

The CSS property to change the border of an element to XYZ 19.3516, 25.9305, 3.9852 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(126, 149, 0) }
```


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

```
.border{ border-color:rgb(126, 149, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 149, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 149, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 149, 0);  
box-shadow:4px 4px 4px 4px rgb(126, 149,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 19.3516, 25.9305, 3.9852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 149, 0) }
```

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

```
.background{ background-color: rgb(126,  
149, 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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