

Converting Colors

XYZ(26.3950, 33.5943, 6.6347)

Have a look what the booklet for
XYZ(26.3950, 33.5943, 6.6347)
contains.

XYZ(26.3215, 33.5098, 6.5941)	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(26.3215, 33.5098,
6.5941)**

Conversions

Conversions Part 1

Format	Color
Hex	96A522
RGB	150, 165, 34
RGB Percent	59%, 65%, 13%
CMY	0.4118, 0.3529, 0.8666
CMYK	0.09, 0.00, 0.79, 0.35
HSL	67°, 66%, 39%
HSV	67°, 79%, 65%
XYZ	26.3215, 33.5098, 6.5941
YIQ	145.5810, 33.1110, -43.9210

Conversions

Conversions Part 2

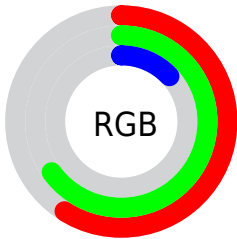
Format	Color
RYB	34, 165, 49
Decimal	9872674
CIELab	64.57, -21.38, 60.38
CIELCh	65, 64.051, 109.503
Yxy	33.5098, 0.3963, 0.5045
Android (android.graphics.Color)	4288062754 (0xFF96A522)
YUV	145.5810, -55.0094, 3.8755
Hunter-Lab	57.8876, -20.1395, 33.7675

Details

The XYZ color **26.3215, 33.5098, 6.5941** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **8.6313, 4.5144, 36.0159**, and the grayscale version is **27.3594, 28.7842, 31.3460**.

A 20% lighter version of the original color is **53.2137, 65.2071, 19.6791**, and **10.6244, 14.2432, 2.1892** is the 20% darker color. If you saturate the color by 10%, you get **25.7936, 33.2600, 5.6116**, and if you desaturate by 10%, it is **26.9708, 33.8113, 8.1799**.

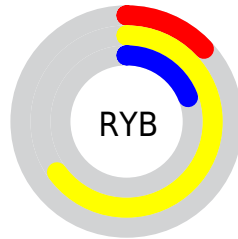
Distribution



Red (59%)

Green (65%)

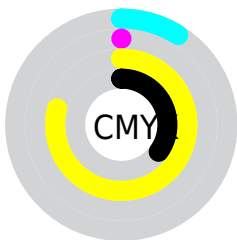
Blue (13%)



Red (13%)

Yellow (65%)

Blue (19%)

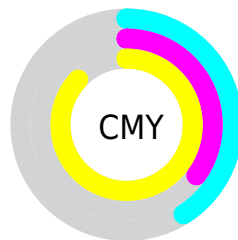


Cyan (9%)

Magenta (0%)

Yellow (79%)

Black (35%)



Cyan (41%)


Magenta (35%)


Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.3215, 33.5098, 6.5941 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 26.3215, 33.5098, 6.5941 by changing the saturation by 10% instead.


 26.3215, 33.5098,
6.5941


 26.3215, 33.5098,
6.5941

276.5846,
317.9407, 173.7480


 17.1983, 22.5173,
3.1350


 53.2208, 65.1706,
19.6506


 10.4721, 14.2375,
1.1640


 71.7275, 86.6077,
30.0852


 5.7777, 8.2860,
0.0000


 94.0928, 112.2951,
43.6819

 2.7498, 4.2785,
0.0000

 120.6819,
142.6173, 60.8594

 1.0229, 1.8305,
0.0000

 151.8603,
177.9585, 82.0363

 0.0000, 0.5061,
0.0000

 187.9933,

 0.0000, 0.0000,

218.7032, 107.6309

0.0000

229.4463,
265.2358, 138.0620

■ 26.3215, 33.5098,
6.5941

■ 26.3215, 33.5098,
6.5941

■ 25.7936, 33.2600,
5.6116

■ 26.9708, 33.8113,
8.1799

■ 25.3545, 33.0452,
5.0709

■ 27.7537, 34.1656,
10.4430

■ 25.3285, 33.0324,
5.0409

■ 28.6833, 34.5792,
13.4493

■ 29.7706, 35.0566,
17.2560

■ 31.0253, 35.6016,
21.9149

■ 32.4566, 36.2179,
27.4734

■ 34.0727, 36.9088,
33.9754

■ 35.8816, 37.6775,
41.4621

■ 37.8906, 38.5269,
49.9719

Harmonies

Analogous

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



35.1696, 33.5098, 5.9599



26.3215, 33.5098, 6.5941



20.2409, 33.5098, 12.5458

Triad

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



26.3215, 33.5098, 6.5941



21.7220, 33.5098, 89.8943



52.5096, 33.5098, 46.4748

Complementary

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



26.3215, 33.5098, 6.5941



8.6313, 4.5144, 36.0159

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.



47.2181, 33.5098, 80.0543



26.3215, 33.5098, 6.5941



28.7463, 33.5098, 112.0083

Square

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



26.3215, 33.5098, 6.5941



17.9594, 33.5098, 56.0629



38.1031, 33.5098, 107.7312



51.5164, 33.5098, 22.0975

Rectangle

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



26.3215, 33.5098, 6.5941



18.0308, 33.5098, 21.5141



38.1031, 33.5098, 107.7312



51.3725, 33.5098, 57.1650

Sweetspot

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



26.3223, 33.5113, 6.5948



56.7895, 64.2864, 43.9681



16.8275, 10.1568, 2.5873



12.2300, 13.9744, 8.8977



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.



26.3223, 33.5113, 6.5948



45.6145, 59.2802, 9.3460



17.6199, 29.0251, 6.1875



7.5692, 8.1959, 7.5631



19.1869, 25.0017, 3.8146



0.4243, 0.5362, 0.0811

Inverse Universe

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



8.6313, 4.5144, 36.0159



12.9398, 5.4384, 64.1200



14.1234, 7.3457, 36.2729



6.7723, 6.8970, 8.8774



5.3628, 2.1711, 27.0662



0.1336, 0.0564, 0.5697

Previews

White Background



This preview shows how the XYZ color 26.3215, 33.5098, 6.5941 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 26.3215, 33.5098, 6.5941 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 26.3215, 33.5098, 6.5941

Background



This preview shows how black text looks on a background with the XYZ color 26.3215, 33.5098, 6.5941.



This preview shows how white text looks on a background with the XYZ color 26.3215, 33.5098,

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

26.3215, 33.5098, 6.5941

Protanopia

30.2222, 33.4483, 6.2298

Deuteranopia

33.7909, 33.0900, 6.8915



Tritanopia

33.3388, 33.5458, 40.7942

Trichromacy



Original Color

26.3215, 33.5098, 6.5941

Protanomaly

28.7817, 33.4669, 6.3816

Deuteranomaly

30.5290, 32.8481, 6.7388

Tritanomaly

29.5974, 33.0308, 21.9552

Monochromacy



Original Color

26.3215, 33.5098, 6.5941

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

25.9737, 30.0054, 17.7873

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3215, 33.5098, 6.5941 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(150, 165, 34)` looks like.

```
.text, #text, p{  
    color:rgb(150, 165, 34)  
}
```

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(150, 165, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 165, 34) }
```

Border

The CSS property to change the border of an element to XYZ 26.3215, 33.5098, 6.5941 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(150, 165, 34) }
```


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

```
.border{ border-color:rgb(150, 165, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 165, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 165, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 165, 34);  
box-shadow:4px 4px 4px 4px rgb(150, 165,  
34) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3215, 33.5098, 6.5941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 165, 34) }
```

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

```
.background{ background-color: rgb(150,  
165, 34) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor