

Converting Colors

XYZ(25.8487, 35.9580, 4.4041)

Have a look what the booklet for
XYZ(25.8487, 35.9580, 4.4041)
contains.

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Color

**XYZ(25.9513, 35.8476,
5.5515)**

Conversions

Conversions Part 1

Format	Color
Hex	8CAE00
RGB	140, 174, 0
RGB Percent	55%, 68%, 0%
CMY	0.4510, 0.3176, 0.9999
CMYK	0.20, 0.00, 1.00, 0.32
HSL	72°, 100%, 34%
HSV	72°, 100%, 68%
XYZ	25.9513, 35.8476, 5.5515
YIQ	143.9980, 35.5900, -61.3220

Conversions

Conversions Part 2

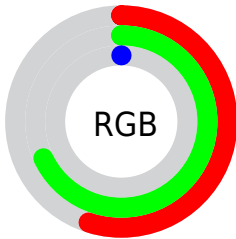
Format	Color
RYB	0, 174, 34
Decimal	9219584
CIELab	66.40, -30.81, 67.91
CIELCh	66, 74.577, 114.406
Yxy	35.8476, 0.3853, 0.5323
Android (android.graphics.Color)	4287409664 (0xFF8CAE00)
YUV	143.9980, -70.9910, -3.5062
Hunter-Lab	59.8729, -27.4085, 36.4135

Details

The XYZ color **25.9513, 35.8476, 5.5515** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **8.3010, 3.3970, 40.2648**, and the grayscale version is **26.7771, 28.1716, 30.6789**.

A 20% lighter version of the original color is **52.6623, 68.9998, 17.5639**, and **10.4935, 15.5596, 2.4502** is the 20% darker color. If you saturate the color by 10%, you get **25.9515, 35.8489, 5.5517**, and if you desaturate by 10%, it is **26.6385, 36.1910, 6.1292**.

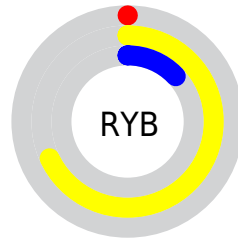
Distribution



Red (55%)

Green (68%)

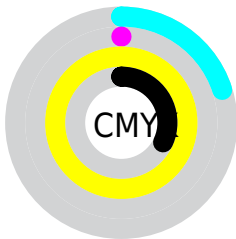
Blue (0%)



Red (0%)

Yellow (68%)

Blue (13%)

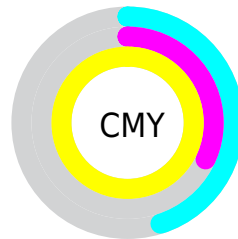


Cyan (20%)

Magenta (0%)

Yellow (100%)

Black (32%)



Cyan (45%)


Magenta (32%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.9513, 35.8476, 5.5515 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 25.9513, 35.8476, 5.5515 by changing the saturation by 10% instead.


 25.9513, 35.8476,
5.5515


 25.9513, 35.8476,
5.5515


274.8040,
328.2939, 164.1635


 16.9197, 24.3165,
2.5100


 52.6282, 68.7968,
17.4539

 10.2722, 15.5686,
0.8454


 71.0043, 90.9837,
27.1520


 5.6435, 9.2194,
0.0000


 93.2258, 117.4913,
39.9059

 2.6681, 4.8846,
0.0000

 119.6583,
148.7040, 56.1343

 0.9808, 2.1797,
0.0000

 150.6670,
185.0062, 76.2558

 0.0000, 0.7089,
0.0000

 186.6173,

 0.0000, 0.0000,

226.7824, 100.6887

0.0000

227.8745,
274.4168, 129.8518

■ 25.9513, 35.8476,
5.5515

■ 25.9513, 35.8476,
5.5515

■ 25.9515, 35.8489,
5.5517

■ 26.6385, 36.1910,
6.1292

■ 27.4346, 36.5787,
7.1904

■ 28.3765, 37.0269,
8.9259

■ 29.4813, 37.5423,
11.4240

■ 30.7633, 38.1307,
14.7595

■ 32.2351, 38.7971,
18.9983

■ 33.9083, 39.5463,
24.1999

■ 35.7931, 40.3822,
30.4186

■ 37.8994, 41.3090,
37.7047

Harmonies

Analogous

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



36.2074, 35.8476, 4.2519



25.9513, 35.8476, 5.5515



19.4303, 35.8476, 13.0736

Triad

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



25.9513, 35.8476, 5.5515



23.0447, 35.8476, 113.3816



60.2060, 35.8476, 45.3359

Complementary

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



25.9513, 35.8476, 5.5515



8.3010, 3.3970, 40.2648

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.



54.6731, 35.8476, 86.8507



25.9513, 35.8476, 5.5515



32.0223, 35.8476, 137.7264

Square

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



25.9513, 35.8476, 5.5515



18.0267, 35.8476, 70.3354



43.7315, 35.8476, 126.0233



57.5912, 35.8476, 18.7451

Rectangle

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



25.9513, 35.8476, 5.5515



17.2990, 35.8476, 24.7304



43.7315, 35.8476, 126.0233



59.2063, 35.8476, 57.9967

Sweetspot

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



25.9521, 35.8492, 5.5523



61.3292, 71.6519, 43.3373



17.9708, 10.0276, 0.9888



13.3441, 15.7972, 8.7259



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



25.9521, 35.8492, 5.5523



46.8874, 64.9284, 10.0612



16.7187, 31.0892, 5.1201



8.5070, 9.2500, 8.5504



18.8698, 26.0248, 4.0287



0.5636, 0.7439, 0.1139

Inverse Universe

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



8.3010, 3.3970, 40.2648



14.9123, 6.0867, 73.0258



15.2358, 6.9720, 40.5893



7.7196, 7.8298, 10.0571



6.0595, 2.4837, 29.2045



0.2103, 0.0906, 0.8144

Previews

White Background



This preview shows how the XYZ color 25.9513, 35.8476, 5.5515 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 25.9513, 35.8476, 5.5515 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 25.9513, 35.8476, 5.5515

Background



This preview shows how black text looks on a background with the XYZ color 25.9513, 35.8476, 5.5515.



This preview shows how white text looks on a background with the XYZ color 25.9513, 35.8476,

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

25.9513, 35.8476, 5.5515

Protanopia

32.2117, 35.7857, 5.2096

Deuteranopia

36.2672, 35.5779, 6.2521



Tritanopia

33.9846, 35.8058, 45.6775

Trichromacy



Original Color

25.9513, 35.8476, 5.5515

Protanomaly

29.5726, 35.4879, 5.2912

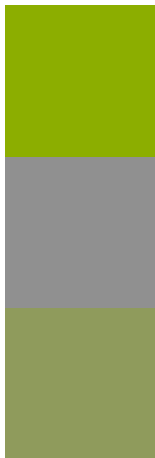
Deuteranomaly

31.6935, 35.2435, 5.7941

Tritanomaly

28.8999, 34.8097, 20.2347

Monochromacy



Original Color

25.9513, 35.8476, 5.5515

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

24.9808, 30.0550, 14.6098

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9513, 35.8476, 5.5515 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(140, 174, 0)` looks like.

```
.text, #text, p{  
    color:rgb(140, 174, 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(140, 174, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 174, 0) }
```

Border

The CSS property to change the border of an element to XYZ 25.9513, 35.8476, 5.5515 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(140, 174, 0) }
```


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

```
.border{ border-color:rgb(140, 174, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 174, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 174, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 174, 0);  
box-shadow:4px 4px 4px 4px rgb(140, 174,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9513, 35.8476, 5.5515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 174, 0) }
```

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

```
.background{ background-color: rgb(140,  
174, 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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