

Converting Colors

XYZ(25.5272, 37.6515, 5.9220)

Have a look what the booklet for
XYZ(25.5272, 37.6515, 5.9220)
contains.

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Color

**XYZ(25.5771, 37.7149,
5.9316)**

Conversions

Conversions Part 1

Format	Color
Hex	81B500
RGB	129, 181, 0
RGB Percent	51%, 71%, 0%
CMY	0.4941, 0.2902, 0.9999
CMYK	0.29, 0.00, 1.00, 0.29
HSL	77°, 100%, 35%
HSV	77°, 100%, 71%
XYZ	25.5771, 37.7149, 5.9316
YIQ	144.8180, 27.1090, -67.3150

Conversions

Conversions Part 2

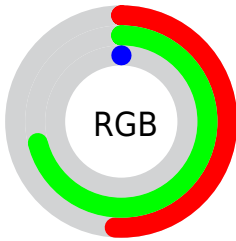
Format	Color
RYB	0, 181, 52
Decimal	8500480
CIELab	67.81, -38.44, 68.68
CIELCh	68, 78.710, 119.237
Yxy	37.7149, 0.3695, 0.5448
Android (android.graphics.Color)	4286690560 (0xFF81B500)
YUV	144.8180, -71.3953, -13.8724
Hunter-Lab	61.4125, -33.1300, 37.2621

Details

The XYZ color **25.5771, 37.7149, 5.9316** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **9.7584, 4.0674, 43.9891**, and the grayscale version is **27.1144, 28.5265, 31.0653**.

A 20% lighter version of the original color is **51.9090, 71.5575, 18.2838**, and **10.3917, 16.8161, 2.6981** is the 20% darker color. If you saturate the color by 10%, you get **25.5771, 37.7162, 5.9319**, and if you desaturate by 10%, it is **26.4983, 38.1783, 6.5498**.

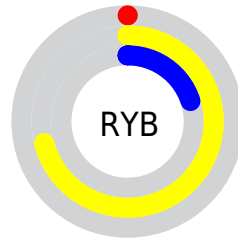
Distribution



Red (51%)

Green (71%)

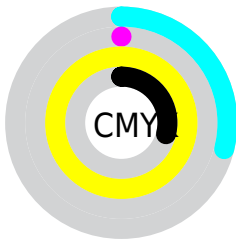
Blue (0%)



Red (0%)

Yellow (71%)

Blue (20%)

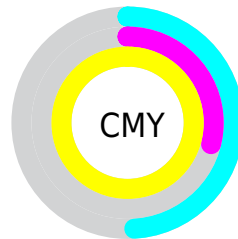


Cyan (29%)

Magenta (0%)

Yellow (100%)

Black (29%)



Cyan (49%)


Magenta (29%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.5771, 37.7149, 5.9316 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 25.5771, 37.7149, 5.9316 by changing the saturation by 10% instead.


 25.5771, 37.7149,
5.9316


 25.5771, 37.7149,
5.9316

272.9948,
336.3954, 167.7440


 16.6386, 25.7615,
2.7354


 52.0281, 71.6709,
18.2640


 10.0708, 16.6453,
0.9612


 70.2712, 94.4424,
28.2372


 5.5086, 9.9819,
0.0000


 92.3467, 121.5886,
41.3066

 2.5864, 5.3870,
0.0000

 118.6197,
153.4940, 57.8906

 0.9390, 2.4761,
0.0000

 149.4556,
190.5430, 78.4078

 0.0000, 0.8646,
0.0000

 185.2199,

 0.0000, 0.0000,

233.1199, 103.2768

0.0000

226.2778,
281.6093, 132.9160

■ 25.5771, 37.7149,
5.9316

■ 25.5771, 37.7149,
5.9316

■ 25.5771, 37.7162,
5.9319

■ 26.4983, 38.1783,
6.5498

■ 27.5611, 38.7017,
7.7041

■ 28.8051, 39.3025,
9.5973

■ 30.2496, 39.9882,
12.3269

■ 31.9107, 40.7655,
15.9757

■ 33.8028, 41.6402,
20.6165

■ 35.9389, 42.6174,
26.3148

■ 38.3308, 43.7021,
33.1305

■ 40.9896, 44.8987,
41.1189

Harmonies

Analogous

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



36.1597, 37.7149, 3.8769



25.5771, 37.7149, 5.9316



19.2469, 37.7149, 15.4165

Triad

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



25.5771, 37.7149, 5.9316



25.1482, 37.7149, 129.9295



64.7511, 37.7149, 41.9648

Complementary

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



25.5771, 37.7149, 5.9316



9.7584, 4.0674, 43.9891

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.



59.9861, 37.7149, 85.8392



25.5771, 37.7149, 5.9316



35.5359, 37.7149, 151.3460

Square

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



25.5771, 37.7149, 5.9316



19.0416, 37.7149, 83.3348



48.5525, 37.7149, 131.8640



60.4268, 37.7149, 16.2357

Rectangle

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



25.5771, 37.7149, 5.9316



17.4035, 37.7149, 29.7652



48.5525, 37.7149, 131.8640



64.1448, 37.7149, 54.9143

Sweetspot

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



25.5780, 37.7166, 5.9324



64.1564, 76.2291, 46.5585



20.2540, 12.2180, 1.2913



13.5140, 16.3149, 9.1064



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



25.5780, 37.7166, 5.9324



45.5704, 67.4241, 10.6123



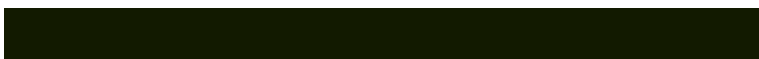
17.3703, 33.4854, 5.5483



8.9544, 9.7816, 9.0686



17.7024, 26.0360, 4.0924



0.6111, 0.8471, 0.1313

Inverse Universe

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



9.7584, 4.0674, 43.9891



17.2806, 7.1829, 78.7703



19.4605, 9.0690, 44.4432



8.2637, 8.3445, 10.6814



6.7869, 2.8346, 30.3264



0.2726, 0.1196, 0.9570

Previews

White Background



This preview shows how the XYZ color 25.5771, 37.7149, 5.9316 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 25.5771, 37.7149, 5.9316 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

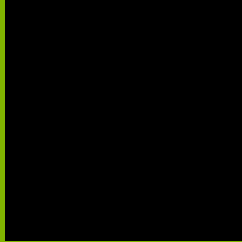
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.5771, 37.7149, 5.9316

Background



This preview shows how black text looks on a background with the XYZ color 25.5771, 37.7149, 5.9316.



This preview shows how white text looks on a background with the XYZ color 25.5771, 37.7149,

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

25.5771, 37.7149, 5.9316

Protanopia

33.7048, 37.3494, 5.4327

Deuteranopia

37.9093, 37.1578, 6.6875



Tritanopia

34.3002, 37.4937, 49.6852

Trichromacy



Original Color

25.5771, 37.7149, 5.9316

Protanomaly

30.0800, 37.1252, 5.5805

Deuteranomaly

32.1904, 36.5519, 6.1177

Tritanomaly

28.9112, 36.7235, 22.0876

Monochromacy



Original Color

25.5771, 37.7149, 5.9316

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

24.8061, 30.7154, 14.7465

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5771, 37.7149, 5.9316 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(129, 181, 0)` looks like.

```
.text, #text, p{  
    color:rgb(129, 181, 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(129, 181, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 181, 0) }
```

Border

The CSS property to change the border of an element to XYZ 25.5771, 37.7149, 5.9316 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(129, 181, 0) }
```


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

```
.border{ border-color:rgb(129, 181, 0) }
```

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

Here you see how a box with a 4 pixel rgb(129, 181, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 181, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 181, 0);  
box-shadow:4px 4px 4px 4px rgb(129, 181,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5771, 37.7149, 5.9316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 181, 0) }
```

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

```
.background{ background-color: rgb(129,  
181, 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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