

Converting Colors

XYZ(25.8007, 37.0822, 5.7977)

Have a look what the booklet for
XYZ(25.8007, 37.0822, 5.7977)
contains.

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Color

**XYZ(25.9516, 37.3085,
5.8335)**

Conversions

Conversions Part 1

Format	Color
Hex	86B300
RGB	134, 179, 0
RGB Percent	53%, 70%, 0%
CMY	0.4745, 0.2980, 0.9999
CMYK	0.25, 0.00, 1.00, 0.30
HSL	75°, 100%, 35%
HSV	75°, 100%, 70%
XYZ	25.9516, 37.3085, 5.8335
YIQ	145.1390, 30.6390, -65.2090

Conversions

Conversions Part 2

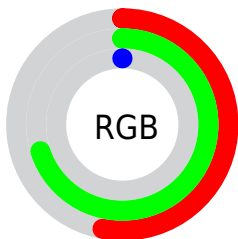
Format	Color
RYB	0, 179, 45
Decimal	8827648
CIELab	67.51, -35.57, 68.58
CIELCh	68, 77.260, 117.416
Yxy	37.3085, 0.3756, 0.5400
Android (android.graphics.Color)	4287017728 (0xFF86B300)
YUV	145.1390, -71.5535, -9.7689
Hunter-Lab	61.0807, -31.0512, 37.0940

Details

The XYZ color **25.9516, 37.3085, 5.8335** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **9.2205, 3.8137, 42.9001**, and the grayscale version is **27.2452, 28.6641, 31.2152**.

A 20% lighter version of the original color is **52.5693, 71.0431, 18.1497**, and **10.6027, 16.5414, 2.6340** is the 20% darker color. If you saturate the color by 10%, you get **25.9516, 37.3097, 5.8337**, and if you desaturate by 10%, it is **26.7937, 37.7313, 6.4395**.

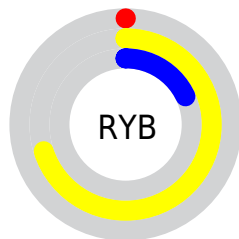
Distribution



Red (53%)

Green (70%)

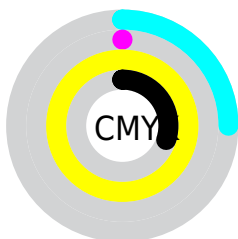
Blue (0%)



Red (0%)

Yellow (70%)

Blue (18%)

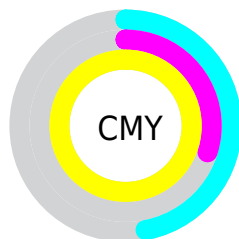


Cyan (25%)

Magenta (0%)

Yellow (100%)

Black (30%)



Cyan (47%)

Magenta (30%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9516, 37.3085, 5.8335 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 25.9516, 37.3085, 5.8335 by changing the saturation by 10% instead.

■ 25.9516, 37.3085,
5.8335

■ 25.9516, 37.3085,
5.8335

274.8055,
334.6442, 166.8300

■ 16.9199, 25.4464,
2.6770

■ 52.6287, 71.0470,
18.0560

■ 10.2724, 16.4100,
0.9318

■ 71.0049, 93.6922,
27.9590

■ 5.6436, 9.8147,
0.0000

■ 93.2265, 120.7007,
40.9479

■ 2.6682, 5.2763,
0.0000

■ 119.6591,
152.4566, 57.4413

■ 0.9808, 2.4103,
0.0000

■ 150.6679,
189.3446, 77.8576

■ 0.0000, 0.8312,
0.0000

■ 186.6184,

■ 0.0000, 0.0000,

231.7489, 102.6155

0.0000

227.8758,
280.0540, 132.1335

■ 25.9516, 37.3085,
5.8335

■ 25.9516, 37.3085,
5.8335

■ 25.9516, 37.3097,
5.8337

■ 26.7937, 37.7313,
6.4395

■ 27.7645, 38.2079,
7.5662

■ 28.9031, 38.7551,
9.4128

■ 30.2278, 39.3805,
12.0742

■ 31.7541, 40.0902,
15.6309

■ 33.4960, 40.8899,
20.1536

■ 35.4657, 41.7845,
25.7060

■ 37.6748, 42.7786,
32.3464

■ 40.1337, 43.8765,
40.1287

Harmonies

Analogous

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



36.5000, 37.3085, 4.0566



25.9516, 37.3085, 5.8335



19.4906, 37.3085, 14.6021

Triad

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



25.9516, 37.3085, 5.8335



24.5304, 37.3085, 124.3933



63.5120, 37.3085, 43.6426

Complementary

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



25.9516, 37.3085, 5.8335



9.2205, 3.8137, 42.9001

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.



58.3900, 37.3085, 86.9971



25.9516, 37.3085, 5.8335



34.4412, 37.3085, 147.2279

Square

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



25.9516, 37.3085, 5.8335



18.8080, 37.3085, 78.7861



47.0478, 37.3085, 130.7141



59.8372, 37.3085, 17.3387

Rectangle

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



25.9516, 37.3085, 5.8335



17.5177, 37.3085, 27.9759



47.0478, 37.3085, 130.7141



62.7405, 37.3085, 56.6006

Sweetspot

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



25.9525, 37.3102, 5.8343



63.3221, 74.7439, 45.4751



19.5209, 11.4431, 1.1804



13.6940, 16.4077, 9.1148



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.



25.9525, 37.3102, 5.8343



46.2600, 66.7059, 10.4374



17.1929, 32.7945, 5.4244



8.9843, 9.7970, 9.0700



18.3997, 26.3955, 4.1251



0.6287, 0.8562, 0.1321

Inverse Universe

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



9.2205, 3.8137, 42.9001



16.3378, 6.7390, 76.8208



18.0100, 8.3448, 43.3115



8.2356, 8.3300, 10.6801



6.5666, 2.7210, 30.3161



0.2612, 0.1137, 0.9564

Previews

White Background



This preview shows how the XYZ color 25.9516, 37.3085, 5.8335 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 25.9516, 37.3085, 5.8335 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

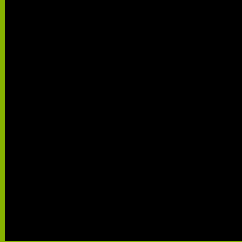
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.9516, 37.3085, 5.8335

Background



This preview shows how black text looks on a background with the XYZ color 25.9516, 37.3085, 5.8335.



This preview shows how white text looks on a background with the XYZ color 25.9516, 37.3085,

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

25.9516, 37.3085, 5.8335

Protanopia

33.2830, 36.8652, 5.3615

Deuteranopia

37.7280, 36.8179, 6.5569



Tritanopia

34.4521, 37.0518, 48.5159

Trichromacy



Original Color

25.9516, 37.3085, 5.8335

Protanomaly

29.9139, 36.4829, 5.4653

Deuteranomaly

32.2332, 36.3084, 6.0188

Tritanomaly

29.1590, 36.2929, 21.6880

Monochromacy



Original Color

25.9516, 37.3085, 5.8335

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

24.9732, 30.5494, 14.7056

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9516, 37.3085, 5.8335 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(134, 179, 0)` looks like.

```
.text, #text, p{  
    color:rgb(134, 179, 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(134, 179, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 179, 0) }
```

Border

The CSS property to change the border of an element to XYZ 25.9516, 37.3085, 5.8335 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(134, 179, 0) }
```


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

```
.border{ border-color:rgb(134, 179, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 179, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 179, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 179, 0);  
box-shadow:4px 4px 4px 4px rgb(134, 179,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9516, 37.3085, 5.8335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 179, 0) }
```

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

```
.background{ background-color: rgb(134,  
179, 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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