

Converting Colors

XYZ(25.8760, 37.8840, 5.9485)

Have a look what the booklet for
XYZ(25.8760, 37.8840, 5.9485)
contains.

XYZ(25.8839, 37.8730, 5.9460)	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(25.8839, 37.8730,
5.9460)**

Conversions

Conversions Part 1

Format	Color
Hex	83B500
RGB	131, 181, 0
RGB Percent	51%, 71%, 0%
CMY	0.4863, 0.2902, 0.9999
CMYK	0.28, 0.00, 1.00, 0.29
HSL	77°, 100%, 35%
HSV	77°, 100%, 71%
XYZ	25.8839, 37.8730, 5.9460
YIQ	145.4160, 28.3010, -66.8910

Conversions

Conversions Part 2

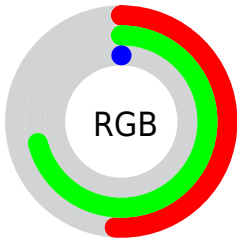
Format	Color
RYB	0, 181, 50
Decimal	8631552
CIELab	67.93, -37.66, 68.82
CIELCh	68, 78.455, 118.689
Yxy	37.8730, 0.3713, 0.5433
Android (android.graphics.Color)	4286821632 (0xFF83B500)
YUV	145.4160, -71.6901, -12.6428
Hunter-Lab	61.5410, -32.6205, 37.3502

Details

The XYZ color **25.8839, 37.8730, 5.9460** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **9.6577, 4.0155, 43.9843**, and the grayscale version is **27.3599, 28.7847, 31.3466**.

A 20% lighter version of the original color is **52.3984, 71.8098, 18.3067**, and **10.6208, 16.9342, 2.7089** is the 20% darker color. If you saturate the color by 10%, you get **25.8839, 37.8742, 5.9462**, and if you desaturate by 10%, it is **26.7882, 38.3277, 6.5635**.

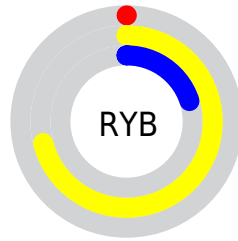
Distribution



Red (51%)

Green (71%)

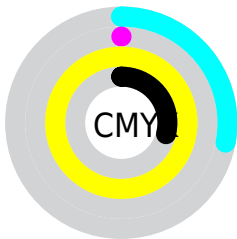
Blue (0%)



Red (0%)

Yellow (71%)

Blue (20%)

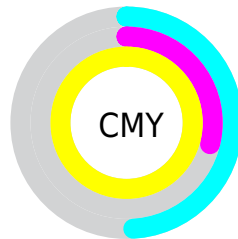


Cyan (28%)

Magenta (0%)

Yellow (100%)

Black (29%)



Cyan (49%)


Magenta (29%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.8839, 37.8730, 5.9460 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 25.8839, 37.8730, 5.9460 by changing the saturation by 10% instead.


 25.8839, 37.8730,
5.9460


 25.8839, 37.8730,
5.9460


274.4788,
337.0749, 167.8776


 16.8690, 25.8841,
2.7440


 52.5202, 71.9134,
18.2944


 10.2359, 16.7370,
0.9655


 70.8724, 94.7338,
28.2780

 5.6191, 10.0471,
0.0000


 93.0677, 121.9335,
41.3591

 2.6533, 5.4302,
0.0000

 119.4715,
153.8968, 57.9564

 0.9732, 2.5018,
0.0000

 150.4492,
191.0082, 78.4883

 0.0000, 0.8776,
0.0000

 186.3660,

 0.0000, 0.0000,

233.6521, 103.3735

0.0000

227.5875,
282.2128, 133.0304

■ 25.8839, 37.8730,
5.9460

■ 25.8839, 37.8730,
5.9460

■ 25.8839, 37.8742,
5.9462

■ 26.7882, 38.3277,
6.5635

■ 27.8312, 38.8410,
7.7169

■ 29.0526, 39.4300,
9.6090

■ 30.4713, 40.1024,
12.3375

■ 32.1035, 40.8648,
15.9851

■ 33.9637, 41.7230,
20.6245

■ 36.0645, 42.6821,
26.3213

■ 38.4180, 43.7470,
33.1353

■ 41.0349, 44.9220,
41.1219

Harmonies

Analogous

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



36.5355, 37.8730, 3.9607



25.8839, 37.8730, 5.9460



19.4662, 37.8730, 15.2791

Triad

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



25.8839, 37.8730, 5.9460



25.1463, 37.8730, 129.1867



64.8549, 37.8730, 42.7907

Complementary

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



25.8839, 37.8730, 5.9460



9.6577, 4.0155, 43.9843

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.



59.9431, 37.8730, 86.8381



25.8839, 37.8730, 5.9460



35.4641, 37.8730, 151.2086

Square

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



25.8839, 37.8730, 5.9460



19.1128, 37.8730, 82.5449



48.4515, 37.8730, 132.4996



60.6989, 37.8730, 16.6914

Rectangle

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



25.8839, 37.8730, 5.9460



17.5693, 37.8730, 29.4313



48.4515, 37.8730, 132.4996



64.1927, 37.8730, 55.8410

Sweetspot

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



25.8848, 37.8747, 5.9468



64.3844, 76.3466, 46.5692



20.1256, 11.9613, 1.2486



13.5691, 16.3433, 9.1089



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.



25.8848, 37.8747, 5.9468



46.1244, 67.7096, 10.6383



17.4898, 33.5469, 5.5539



8.9636, 9.7863, 9.0690



17.9125, 26.1443, 4.1023



0.6165, 0.8499, 0.1315

Inverse Universe

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



9.6577, 4.0155, 43.9843



17.1056, 7.0927, 78.7621



18.9509, 8.8063, 44.4192



8.2551, 8.3400, 10.6810



6.7158, 2.7979, 30.3231



0.2691, 0.1178, 0.9568

Previews

White Background



This preview shows how the XYZ color 25.8839, 37.8730, 5.9460 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 25.8839, 37.8730, 5.9460 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 25.8839, 37.8730, 5.9460

Background



This preview shows how black text looks on a background with the XYZ color 25.8839, 37.8730, 5.9460.



This preview shows how white text looks on a background with the XYZ color 25.8839, 37.8730,

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

25.8839, 37.8730, 5.9460

Protanopia

33.7048, 37.3494, 5.4327

Deuteranopia

38.1896, 37.3023, 6.7006



Tritanopia

34.6589, 37.6786, 49.7019

Trichromacy



Original Color

25.8839, 37.8730, 5.9460

Protanomaly

30.2888, 37.2328, 5.5903

Deuteranomaly

32.4223, 36.6715, 6.1285

Tritanomaly

29.2513, 36.8989, 22.1035

Monochromacy



Original Color

25.8839, 37.8730, 5.9460

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

24.9738, 30.8019, 14.7543

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8839, 37.8730, 5.9460 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(131, 181, 0)` looks like.

```
.text, #text, p{  
    color:rgb(131, 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(131, 181, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 181, 0) }
```

Border

The CSS property to change the border of an element to XYZ 25.8839, 37.8730, 5.9460 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(131, 181, 0) }
```


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

```
.border{ border-color:rgb(131, 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(131, 181, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 181, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 181, 0);  
box-shadow:4px 4px 4px 4px rgb(131, 181,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8839, 37.8730, 5.9460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 181, 0) }
```

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

```
.background{ background-color: rgb(131,  
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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