

Converting Colors

XYZ(37.5044, 53.5463, 8.5314)

Have a look what the booklet for
XYZ(37.5044, 53.5463, 8.5314)
contains.

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Color

**XYZ(37.5767, 53.5799,
8.5338)**

Conversions

Conversions Part 1

Format	Color
Hex	A0D206
RGB	160, 210, 6
RGB Percent	63%, 82%, 2%
CMY	0.3726, 0.1765, 0.9764
CMYK	0.24, 0.00, 0.97, 0.18
HSL	75°, 94%, 42%
HSV	75°, 97%, 82%
XYZ	37.5767, 53.5799, 8.5338
YIQ	171.7940, 35.6840, -74.0440

Conversions

Conversions Part 2

Format	Color
RYB	6, 210, 56
Decimal	10539526
CIELab	78.22, -39.13, 76.85
CIELCh	78, 86.242, 116.986
Yxy	53.5799, 0.3769, 0.5375
Android (android.graphics.Color)	4288729606 (0xFFA0D206)
YUV	171.7940, -81.7364, -10.3433
Hunter-Lab	73.1983, -36.4632, 44.3265

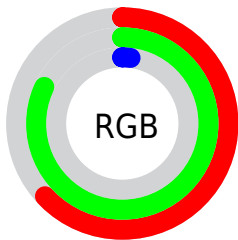
Details

The XYZ color **37.5767, 53.5799, 8.5338** is a dark color, and the websafe version is hex **99CC00**.

The color can be described as dark washed chartreuse. A complement of this color would be **13.3316, 5.6259, 61.3591**, and the grayscale version is **39.4990, 41.5560, 45.2545**.

A 20% lighter version of the original color is **66.6531, 87.2520, 22.1324**, and **17.2008, 26.2675, 4.1636** is the 20% darker color. If you saturate the color by 10%, you get **37.2512, 53.4177, 8.3473**, and if you desaturate by 10%, it is **38.7938, 54.1900, 9.4537**.

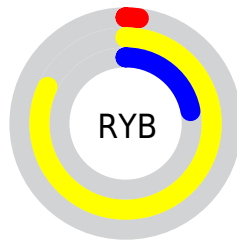
Distribution



Red (63%)

Green (82%)

Blue (2%)



Red (2%)

Yellow (82%)

Blue (22%)

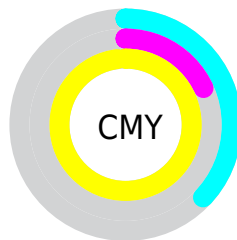


Cyan (24%)

Magenta (0%)

Yellow (97%)

Black (18%)



Cyan (37%)


Magenta (18%)


Yellow (98%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.5767, 53.5799, 8.5338 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 37.5767, 53.5799, 8.5338 by changing the saturation by 10% instead.


 37.5767, 53.5799,
8.5338


 37.5767, 53.5799,
8.5338


327.1130,
400.5060, 189.9491


 25.8300, 38.2659,
4.3457


 70.7670, 95.4571,
23.5617

 16.8285, 26.1891,
1.8169


 92.9413, 122.7892,
35.2385


 10.2069, 16.9652,
0.4390


 119.3222,
154.8960, 50.2488

 5.5997, 10.2097,
0.0000

 150.2750,
192.1620, 69.0109

 2.6415, 5.5382,
0.0000

 186.1651,
234.9717, 91.9435

 0.9672, 2.5664,
0.0000

 227.3580,

 0.0000, 0.9098,

283.7093, 119.4650

0.0000

274.2188,
338.7593, 151.9940

■ 0.0000, 0.0000,
0.0000

■ 37.5767, 53.5799,
8.5338

■ 37.5767, 53.5799,
8.5338

■ 37.2512, 53.4177,
8.3473

■ 38.7938, 54.1900,
9.4537

■ 40.2235, 54.8883,
11.2739

■ 41.9020, 55.6911,
14.1759

■ 43.8552, 56.6088,
18.2946

■ 46.1055, 57.6506,
23.7452

■ 48.6727, 58.8243,
30.6296

■ 51.5748, 60.1373,
39.0397

■ 54.8282, 61.5960,
49.0599

■ 58.4482, 63.2068,
60.7682

Harmonies

Analogous

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



52.6510, 53.5799, 6.0502



37.5767, 53.5799, 8.5338



28.2772, 53.5799, 20.9456

Triad

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



37.5767, 53.5799, 8.5338



35.2154, 53.5799, 176.0903



90.6825, 53.5799, 63.3624

Complementary

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



37.5767, 53.5799, 8.5338



13.3316, 5.6259, 61.3591

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.



83.2644, 53.5799, 125.0215



37.5767, 53.5799, 8.5338



49.2392, 53.5799, 209.0188

Square

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



37.5767, 53.5799, 8.5338



27.1404, 53.5799, 111.4774



67.1130, 53.5799, 186.4920



85.6544, 53.5799, 25.5173

Rectangle

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



37.5767, 53.5799, 8.5338



25.4044, 53.5799, 39.8173



67.1130, 53.5799, 186.4920



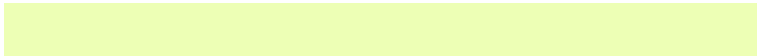
89.5291, 53.5799, 81.8646

Sweetspot

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



37.5779, 53.5823, 8.5349



78.9877, 92.8406, 57.4999



27.9144, 16.3188, 1.8517



16.4878, 19.6823, 11.0884



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



37.5779, 53.5823, 8.5349



57.6217, 82.7901, 12.9431



24.9698, 47.0826, 7.9449



12.5085, 13.6456, 12.5866



22.8166, 32.6314, 5.0959



1.3450, 1.8603, 0.2882

Inverse Universe

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



13.3316, 5.6259, 61.3591



20.0690, 8.2608, 95.1445



25.3340, 11.8134, 61.9208



11.4313, 11.5556, 14.8716



8.0207, 3.3151, 37.4096



0.5220, 0.2232, 2.0951

Previews

White Background



This preview shows how the XYZ color 37.5767, 53.5799, 8.5338 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 37.5767, 53.5799, 8.5338 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 37.5767, 53.5799, 8.5338

Background



This preview shows how black text looks on a background with the XYZ color 37.5767, 53.5799, 8.5338.



This preview shows how white text looks on a background with the XYZ color 37.5767, 53.5799,

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

37.5767, 53.5799, 8.5338

Protanopia

47.9834, 53.0454, 7.7098

Deuteranopia

54.2618, 53.0681, 9.3027



Tritanopia

49.8634, 53.3171, 69.2912

Trichromacy



Original Color

37.5767, 53.5799, 8.5338

Protanomaly

43.4603, 52.7215, 7.9431

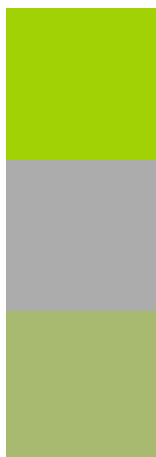
Deuteranomaly

46.7084, 52.3652, 8.6826

Tritanomaly

42.1115, 51.8568, 31.0824

Monochromacy



Original Color

37.5767, 53.5799, 8.5338

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

36.6320, 44.6125, 22.0096

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.5767, 53.5799, 8.5338 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(160, 210, 6)` looks like.

```
.text, #text, p{  
    color:rgb(160, 210, 6)  
}
```

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(160, 210, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 210, 6) }
```

Border

The CSS property to change the border of an element to XYZ 37.5767, 53.5799, 8.5338 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(160, 210, 6) }
```


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

```
.border{ border-color:rgb(160, 210, 6) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 210, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 210, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 210, 6);  
box-shadow:4px 4px 4px 4px rgb(160, 210,  
6) }
```

Background

The CSS property to change the background color of an element to XYZ 37.5767, 53.5799, 8.5338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 210, 6) }
```

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

```
.background{ background-color: rgb(160,  
210, 6) }
```

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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