

Converting Colors

XYZ(37.8354, 52.6272, 8.1926)

Have a look what the booklet for
XYZ(37.8354, 52.6272, 8.1926)
contains.

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Color

**XYZ(37.8354, 52.6272,
8.1926)**

Conversions

Conversions Part 1

Format	Color
Hex	A5CF01
RGB	165, 207, 1
RGB Percent	65%, 81%, 0%
CMY	0.3529, 0.1882, 0.9960
CMYK	0.20, 0.00, 1.00, 0.19
HSL	72°, 99%, 41%
HSV	72°, 100%, 81%
XYZ	37.8354, 52.6272, 8.1926
YIQ	170.9580, 41.0940, -72.9700

Conversions

Conversions Part 2

Format	Color
RYB	1, 207, 43
Decimal	10866433
CIELab	77.65, -35.87, 77.04
CIELCh	78, 84.982, 114.969
Yxy	52.6272, 0.3835, 0.5334
Android (android.graphics.Color)	4289056513 (0xFFA5CF01)
YUV	170.9580, -83.7893, -5.2252
Hunter-Lab	72.5446, -33.8570, 44.0855

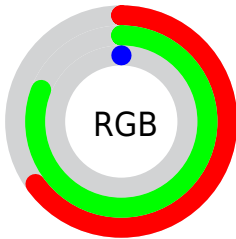
Details

The XYZ color **37.8354, 52.6272, 8.1926** 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 **12.2717, 5.0417, 59.3610**, and the grayscale version is **39.0835, 41.1189, 44.7784**.

A 20% lighter version of the original color is **68.1007, 88.0074, 21.7853**, and **17.4546, 25.9083, 4.0808** is the 20% darker color. If you saturate the color by 10%, you get **37.7876, 52.6050, 8.1622**, and if you desaturate by 10%, it is **38.8658, 53.1444, 8.9546**.

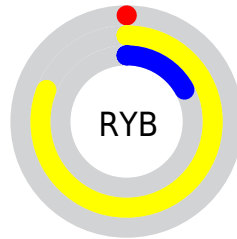
Distribution



Red (65%)

Green (81%)

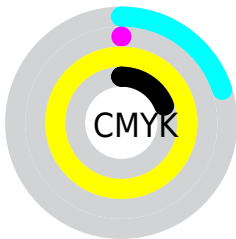
Blue (0%)



Red (0%)

Yellow (81%)

Blue (17%)

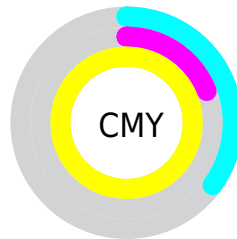


Cyan (20%)

Magenta (0%)

Yellow (100%)

Black (19%)



Cyan (35%)


Magenta (19%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.8354, 52.6272, 8.1926 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 37.8354, 52.6272, 8.1926 by changing the saturation by 10% instead.


 37.8354, 52.6272,
8.1926


 37.8354, 52.6272,
8.1926


328.2064,
396.8532, 187.2256

 26.0316, 37.5052,
4.1289


 71.1613, 94.0556,
22.8875

 16.9801, 25.5989,
1.6963

 93.4141, 121.1308,
34.3558


 10.3155, 16.5238,
0.3582


 119.8806,
152.9592, 49.1294

 5.6725, 9.8956,
0.0000

 150.9262,
189.9252, 67.6269

 2.6857, 5.3298,
0.0000

 186.9163,
232.4132, 90.2667

 0.9898, 2.4420,
0.0000

 228.2161,

 0.0000, 0.8474,

280.8076, 117.4673

0.0000

275.1910,
335.4928, 149.6475

■ 0.0000, 0.0000,
0.0000

■ 37.8354, 52.6272,
8.1926

■ 37.8354, 52.6272,
8.1926

■ 37.7876, 52.6050,
8.1622

■ 38.8658, 53.1444,
8.9546

■ 40.0712, 53.7330,
10.4901

■ 41.4978, 54.4136,
13.0366

■ 43.1717, 55.1965,
16.7303

■ 45.1151, 56.0907,
21.6859

■ 47.3474, 57.1039,
28.0046

■ 49.8860, 58.2432,
35.7771

■ 52.7471, 59.5151,
45.0863

■ 55.9453, 60.9254,
56.0090

Harmonies

Analogous

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



52.8425, 52.6272, 6.1698



37.8354, 52.6272, 8.1926



28.3559, 52.6272, 19.4781

Triad

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



37.8354, 52.6272, 8.1926



33.9900, 52.6272, 167.8963



88.5497, 52.6272, 65.6082

Complementary

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



37.8354, 52.6272, 8.1926



12.2717, 5.0417, 59.3610

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.



80.6033, 52.6272, 126.5044



37.8354, 52.6272, 8.1926



47.3010, 52.6272, 202.9315

Square

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



37.8354, 52.6272, 8.1926



26.5003, 52.6272, 104.6055



64.5758, 52.6272, 184.6722



84.4714, 52.6272, 26.9675

Rectangle

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



37.8354, 52.6272, 8.1926



25.2937, 52.6272, 36.8953



64.5758, 52.6272, 184.6722



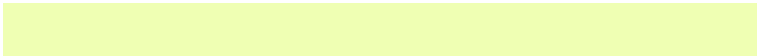
87.1535, 52.6272, 84.1140

Sweetspot

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



37.8366, 52.6296, 8.1937



79.5779, 93.1748, 56.1735



26.5749, 14.9399, 1.5124



16.6521, 19.7727, 10.8419



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.



37.8366, 52.6296, 8.1937



60.3882, 84.2163, 13.0726



24.3579, 45.6810, 7.5629



12.5575, 13.6708, 12.5889



23.8863, 33.1828, 5.1460



1.3967, 1.8869, 0.2906

Inverse Universe

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



12.2717, 5.0417, 59.3610



19.4662, 7.9501, 95.1163



22.9884, 10.5663, 59.8625



11.3857, 11.5321, 14.8695



7.7662, 3.1839, 37.3977



0.5009, 0.2124, 2.0942

Previews

White Background



This preview shows how the XYZ color 37.8354, 52.6272, 8.1926 looks on a white background.

Color Contrast Check

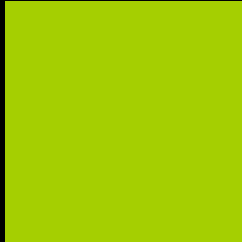
Large Text (above 18pt) WCAG AA × Fail

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 37.8354, 52.6272, 8.1926 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 37.8354, 52.6272, 8.1926

Background



This preview shows how black text looks on a background with the XYZ color 37.8354, 52.6272, 8.1926.



This preview shows how white text looks on a background with the XYZ color 37.8354, 52.6272,

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

37.8354, 52.6272, 8.1926

Protanopia

47.1685, 52.2982, 7.6085

Deuteranopia

53.1334, 51.8821, 8.9641



Tritanopia

49.5262, 52.1984, 67.1395

Trichromacy



Original Color

37.8354, 52.6272, 8.1926

Protanomaly

42.9922, 51.8028, 7.7330

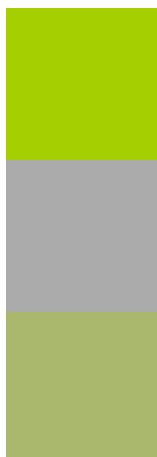
Deuteranomaly

46.0189, 51.0390, 8.2902

Tritanomaly

42.1044, 50.8561, 29.7874

Monochromacy



Original Color

37.8354, 52.6272, 8.1926

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

36.2630, 43.8201, 21.0149

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.8354, 52.6272, 8.1926 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(165, 207, 1)` looks like.

```
.text, #text, p{  
    color:rgb(165, 207, 1)  
}
```

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(165, 207, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 207, 1) }
```

Border

The CSS property to change the border of an element to XYZ 37.8354, 52.6272, 8.1926 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(165, 207, 1) }
```


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

```
.border{ border-color:rgb(165, 207, 1) }
```

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

Here you see how a box with a 4 pixel rgb(165, 207, 1) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 207, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 207, 1);  
box-shadow:4px 4px 4px 4px rgb(165, 207,  
1) }
```

Background

The CSS property to change the background color of an element to XYZ 37.8354, 52.6272, 8.1926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 207, 1) }
```

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

```
.background{ background-color: rgb(165,  
207, 1) }
```

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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