

Converting Colors

XYZ(36.3043, 50.7698, 7.8861)

Have a look what the booklet for
XYZ(36.3043, 50.7698, 7.8861)
contains.

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Color

**XYZ(36.2908, 50.7628,
7.8855)**

Conversions

Conversions Part 1

Format	Color
Hex	A1CC00
RGB	161, 204, 0
RGB Percent	63%, 80%, 0%
CMY	0.3686, 0.2000, 0.9999
CMYK	0.21, 0.00, 1.00, 0.20
HSL	73°, 100%, 40%
HSV	73°, 100%, 80%
XYZ	36.2908, 50.7628, 7.8855
YIQ	167.8870, 39.8560, -72.5600

Conversions

Conversions Part 2

Format	Color
RYB	0, 204, 43
Decimal	10603520
CIELab	76.54, -36.12, 76.18
CIELCh	77, 84.309, 115.370
Yxy	50.7628, 0.3823, 0.5347
Android (android.graphics.Color)	4288793600 (0xFFA1CC00)
YUV	167.8870, -82.7683, -6.0399
Hunter-Lab	71.2480, -33.7635, 43.3116

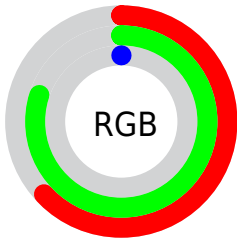
Details

The XYZ color **36.2908, 50.7628, 7.8855** 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 **11.8975, 4.8747, 57.4436**, and the grayscale version is **37.5463, 39.5017, 43.0173**.

A 20% lighter version of the original color is **66.8365, 87.3602, 21.5232**, and **16.6153, 24.7557, 3.9026** is the 20% darker color. If you saturate the color by 10%, you get **36.2908, 50.7645, 7.8858**, and if you desaturate by 10%, it is **37.3037, 51.2717, 8.6122**.

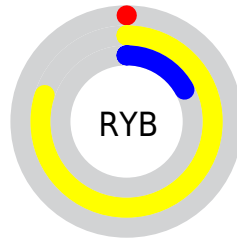
Distribution



Red (63%)

Green (80%)

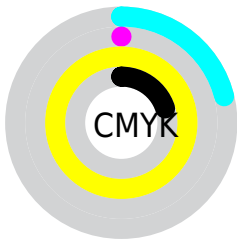
Blue (0%)



Red (0%)

Yellow (80%)

Blue (17%)

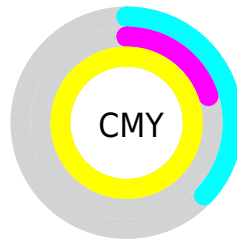


Cyan (21%)

Magenta (0%)

Yellow (100%)

Black (20%)



Cyan (37%)

Magenta (20%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.2908, 50.7628, 7.8855 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 36.2908, 50.7628, 7.8855 by changing the saturation by 10% instead.

36.2908, 50.7628,
7.8855

36.2908, 50.7628,
7.8855

321.6389,
389.6415, 184.7321

24.8300, 36.0199,
3.9350

68.8016, 91.3041,
22.2761

16.0785, 24.4495,
1.5898

90.5824, 117.8712,
33.5534

9.6709, 15.6674,
0.2835

116.5338,
149.1485, 48.1100

5.2419, 9.2891,
0.0000

147.0213,
185.5203, 66.3645

2.4261, 4.9302,
0.0000

182.4102,
227.3712, 88.7354

0.8581, 2.2064,
0.0000

223.0659,

0.0000, 0.7235,

275.0854, 115.6413

0.0000

269.3536,
329.0474, 147.5007

■ 0.0000, 0.0000,
0.0000

■ 36.2908, 50.7628,
7.8855

■ 36.2908, 50.7628,
7.8855

■ 36.2908, 50.7645,
7.8858

■ 37.3037, 51.2717,
8.6122

■ 38.4828, 51.8486,
10.0615

■ 39.8763, 52.5149,
12.4816

■ 41.5097, 53.2807,
16.0048

■ 43.4045, 54.1545,
20.7427

■ 45.5795, 55.1441,
26.7933

■ 48.0517, 56.2562,
34.2445

■ 50.8367, 57.4971,
43.1766

■ 53.9487, 58.8725,
53.6641

Harmonies

Analogous

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



50.7605, 50.7628, 5.8598



36.2908, 50.7628, 7.8855



27.1981, 50.7628, 18.9343

Triad

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



36.2908, 50.7628, 7.8855



32.8667, 50.7628, 163.2667



85.6205, 50.7628, 62.6508

Complementary

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



36.2908, 50.7628, 7.8855



11.8975, 4.8747, 57.4436

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.



78.0563, 50.7628, 121.5158



36.2908, 50.7628, 7.8855



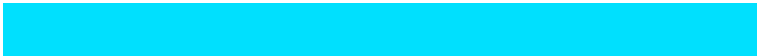
45.8208, 50.7628, 196.6880

Square

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



36.2908, 50.7628, 7.8855



25.5474, 50.7628, 101.9577



62.5807, 50.7628, 178.2647



81.5094, 50.7628, 25.5874

Rectangle

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



36.2908, 50.7628, 7.8855



24.2867, 50.7628, 35.9632



62.5807, 50.7628, 178.2647



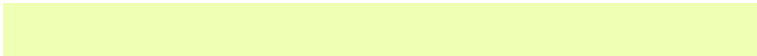
84.3195, 50.7628, 80.4887

Sweetspot

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



36.2920, 50.7651, 7.8866



79.3994, 93.0828, 56.1652



25.6901, 14.4116, 1.4284



16.6091, 19.7505, 10.8399



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.



36.2920, 50.7651, 7.8866



59.9114, 83.9705, 13.0503



23.5321, 44.1872, 7.2894



11.9133, 12.9727, 11.9555



22.9206, 31.9913, 4.9669



1.2420, 1.6811, 0.2590

Inverse Universe

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



11.8975, 4.8747, 57.4436



19.5586, 7.9977, 95.1206



22.1949, 10.1832, 57.9255



10.8191, 10.9561, 14.1149



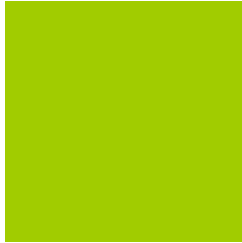
7.5513, 3.1004, 36.1567



0.4548, 0.1936, 1.8683

Previews

White Background



This preview shows how the XYZ color 36.2908, 50.7628, 7.8855 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 36.2908, 50.7628, 7.8855 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 36.2908, 50.7628, 7.8855

Background



This preview shows how black text looks on a background with the XYZ color 36.2908, 50.7628, 7.8855.



This preview shows how white text looks on a background with the XYZ color 36.2908, 50.7628,

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

36.2908, 50.7628, 7.8855

Protanopia

45.3490, 50.3922, 7.3365

Deuteranopia

51.3791, 50.3783, 8.7663



Tritanopia

47.7930, 50.6997, 65.0247

Trichromacy



Original Color

36.2908, 50.7628, 7.8855

Protanomaly

41.2841, 49.9210, 7.4598

Deuteranomaly

44.4426, 49.5877, 8.0932

Tritanomaly

40.5576, 49.4126, 28.5191

Monochromacy



Original Color

36.2908, 50.7628, 7.8855

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

34.6948, 42.1086, 20.2091

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.2908, 50.7628, 7.8855 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(161, 204, 0)` looks like.

```
.text, #text, p{  
    color:rgb(161, 204, 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(161, 204, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 204, 0) }
```

Border

The CSS property to change the border of an element to XYZ 36.2908, 50.7628, 7.8855 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(161, 204, 0) }
```


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

```
.border{ border-color:rgb(161, 204, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 204, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 204, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 204, 0);  
box-shadow:4px 4px 4px 4px rgb(161, 204,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 36.2908, 50.7628, 7.8855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 204, 0) }
```

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

```
.background{ background-color: rgb(161,  
204, 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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