

Converting Colors

XYZ(35.3085, 41.0921, 8.9765)

Have a look what the booklet for
XYZ(35.3085, 41.0921, 8.9765)
contains.

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Color

**XYZ(35.3711, 41.2175,
8.9972)**

Conversions

Conversions Part 1

Format	Color
Hex	B6B031
RGB	182, 176, 49
RGB Percent	71%, 69%, 19%
CMY	0.2863, 0.3098, 0.8078
CMYK	0.00, 0.03, 0.73, 0.29
HSL	57°, 58%, 45%
HSV	57°, 73%, 71%
XYZ	35.3711, 41.2175, 8.9972
YIQ	163.3160, 44.3430, -38.2250

Conversions

Conversions Part 2

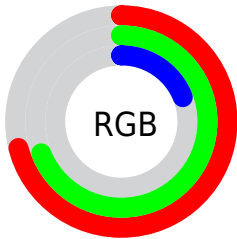
Format	Color
RYB	55, 182, 49
Decimal	11972657
CIELab	70.33, -12.46, 61.73
CIELCh	70, 62.974, 101.411
Yxy	41.2175, 0.4133, 0.4816
Android (android.graphics.Color)	4290162737 (0xFFB6B031)
YUV	163.3160, -56.3578, 16.3859
Hunter-Lab	64.2009, -14.0079, 36.6316

Details

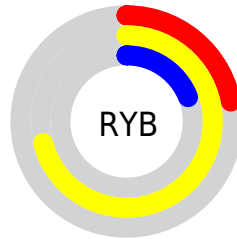
The XYZ color **35.3711, 41.2175, 8.9972** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **11.0764, 6.7627, 44.9772**, and the grayscale version is **35.2069, 37.0404, 40.3370**.

A 20% lighter version of the original color is **67.3502, 76.8521, 24.3809**, and **15.6651, 18.7753, 2.7984** is the 20% darker color. If you saturate the color by 10%, you get **34.9020, 40.7748, 7.3136**, and if you desaturate by 10%, it is **35.9982, 41.7280, 11.4994**.

Distribution



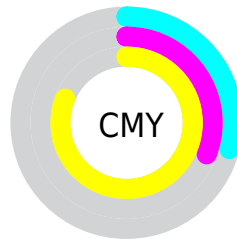
- Red (71%)
- Green (69%)
- Blue (19%)



- Red (22%)
- Yellow (71%)
- Blue (19%)



- Cyan (0%)
- Magenta (3%)
- Yellow (73%)
- Black (29%)





- Cyan (29%)
- Magenta (31%)
- Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.3711, 41.2175, 8.9972 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 35.3711, 41.2175, 8.9972 by changing the saturation by 10% instead.


 35.3711, 41.2175,
8.9972


 35.3711, 41.2175,
8.9972


317.6827,
351.2288, 193.5743


 24.1167, 28.4891,
4.6426


 67.3905, 77.0140,
24.4690

 15.5454, 18.6947,
1.9841


 88.8863, 100.8508,
36.4233


 9.2919, 11.4499,
0.5455


 114.5265,
129.1592, 51.7479

 4.9907, 6.3703,
0.0000

 144.6766,
162.3236, 70.8614

 2.2765, 3.0715,
0.0000

 179.7019,
200.7283, 94.1822

 0.7826, 1.1692,
0.0000

 219.9678,

 0.0000, 0.0363,

244.7579, 122.1289

0.0000

265.8396,
294.7966, 155.1201

■ 0.0000, 0.0000,
0.0000

■ 35.3711, 41.2175,
8.9972

■ 35.3711, 41.2175,
8.9972

■ 34.9020, 40.7748,
7.3136

■ 35.9982, 41.7280,
11.4994

■ 34.5679, 40.3862,
6.3409

■ 36.7970, 42.3073,
14.9055

■ 34.3880, 40.1385,
5.9351

■ 37.7832, 42.9630,
19.2928

■ 38.9695, 43.7004,
24.7298

■ 40.3680, 44.5241,
31.2789

■ 41.9894, 45.4387,
38.9973

■ 43.8440, 46.4481,
47.9386

■ 45.9413, 47.5561,
58.1531

■ 48.2902, 48.7663,
69.6879

Harmonies

Analogous

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



45.8648, 41.2175, 9.6444



35.3711, 41.2175, 8.9972



27.4373, 41.2175, 14.2792

Triad

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



35.3711, 41.2175, 8.9972



26.0720, 41.2175, 94.0866



61.2143, 41.2175, 65.5969

Complementary

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



35.3711, 41.2175, 8.9972



11.0764, 6.7627, 44.9772

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.



53.8602, 41.2175, 102.5911



35.3711, 41.2175, 8.9972



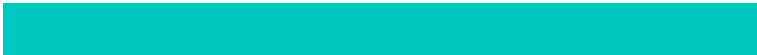
33.1714, 41.2175, 123.4174

Square

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



35.3711, 41.2175, 8.9972



22.7345, 41.2175, 57.1186



43.2444, 41.2175, 127.0761



62.0863, 41.2175, 34.5258

Rectangle

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



35.3711, 41.2175, 8.9972



24.1777, 41.2175, 22.7666



43.2444, 41.2175, 127.0761



59.3650, 41.2175, 78.0287

Sweetspot

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



35.3720, 41.2194, 8.9980



73.3803, 80.8335, 57.6211



21.0951, 12.4241, 4.9834



16.0461, 17.7605, 11.9653



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



35.3720, 41.2194, 8.9980



62.8632, 73.4623, 11.9940



25.3298, 37.8261, 8.8723



9.7146, 10.4321, 9.6085



24.2980, 28.3724, 4.1958



0.8673, 1.0217, 0.1515

Inverse Universe

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



11.0764, 6.7627, 44.9772



16.4883, 7.7541, 80.8634



15.8304, 8.8162, 45.1230



8.5527, 8.7827, 11.3239



6.0388, 2.5373, 31.4245



0.2239, 0.1115, 1.1115

Previews

White Background



This preview shows how the XYZ color 35.3711, 41.2175, 8.9972 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 35.3711, 41.2175, 8.9972 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 35.3711, 41.2175, 8.9972

Background



This preview shows how black text looks on a background with the XYZ color 35.3711, 41.2175, 8.9972.



This preview shows how white text looks on a background with the XYZ color 35.3711, 41.2175,

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

35.3711, 41.2175, 8.9972

Protanopia

37.2783, 41.0559, 8.7561

Deuteranopia

41.7874, 40.9078, 9.1836



Tritanopia

43.2036, 41.0627, 47.2438

Trichromacy



Original Color

35.3711, 41.2175, 8.9972

Protanomaly

36.4633, 40.9194, 8.7727

Deuteranomaly

39.2511, 40.9497, 9.0841

Tritanomaly

39.0182, 40.4358, 26.8675

Monochromacy



Original Color

35.3711, 41.2175, 8.9972

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

34.0930, 37.9565, 23.9418

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3711, 41.2175, 8.9972 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(182, 176, 49)` looks like.

```
.text, #text, p{  
    color:rgb(182, 176, 49)  
}
```

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(182, 176, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 176, 49) }
```

Border

The CSS property to change the border of an element to XYZ 35.3711, 41.2175, 8.9972 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(182, 176, 49) }
```


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

```
.border{ border-color:rgb(182, 176, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 176, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 176, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 176, 49);  
box-shadow:4px 4px 4px 4px rgb(182, 176,  
49) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3711, 41.2175, 8.9972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 176, 49) }
```

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

```
.background{ background-color: rgb(182,  
176, 49) }
```

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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