

Converting Colors

XYZ(34.8643, 41.7119, 8.1566)

Have a look what the booklet for
XYZ(34.8643, 41.7119, 8.1566)
contains.

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Color

**XYZ(34.8464, 41.8517,
8.1610)**

Conversions

Conversions Part 1

Format	Color
Hex	B2B327
RGB	178, 179, 39
RGB Percent	70%, 70%, 15%
CMY	0.3020, 0.2980, 0.8470
CMYK	0.01, 0.00, 0.78, 0.30
HSL	60°, 64%, 43%
HSV	60°, 78%, 70%
XYZ	34.8464, 41.8517, 8.1610
YIQ	162.7410, 44.3440, -43.7520

Conversions

Conversions Part 2

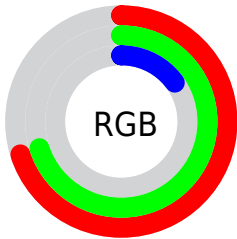
Format	Color
RYB	39, 179, 40
Decimal	11711271
CIELab	70.77, -16.15, 65.28
CIELCh	71, 67.243, 103.893
Yxy	41.8517, 0.4106, 0.4932
Android (android.graphics.Color)	4289901351 (0xFFB2B327)
YUV	162.7410, -61.0043, 13.3821
Hunter-Lab	64.6929, -17.0647, 37.8056

Details

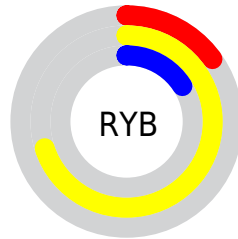
The XYZ color **34.8464, 41.8517, 8.1610** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **9.7384, 5.1576, 43.1328**, and the grayscale version is **34.9557, 36.7761, 40.0492**.

A 20% lighter version of the original color is **66.7911, 78.2843, 22.8994**, and **15.4745, 19.2437, 2.8988** is the 20% darker color. If you saturate the color by 10%, you get **34.5879, 41.7465, 6.9495**, and if you desaturate by 10%, it is **35.2468, 42.0168, 10.1110**.

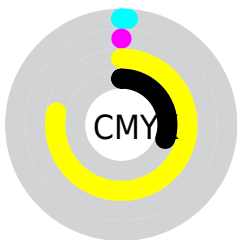
Distribution



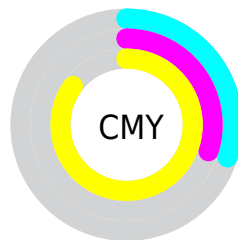
- Red (70%)
- Green (70%)
- Blue (15%)



- Red (15%)
- Yellow (70%)
- Blue (16%)



- Cyan (1%)
- Magenta (0%)
- Yellow (78%)
- Black (30%)





- Cyan (30%)
- Magenta (30%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.8464, 41.8517, 8.1610 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 34.8464, 41.8517, 8.1610 by changing the saturation by 10% instead.


 34.8464, 41.8517,
8.1610


 34.8464, 41.8517,
8.1610


315.4097,
353.8678, 186.9709


 23.7105, 28.9852,
4.1089


 66.5833, 77.9751,
22.8248


 15.2426, 19.0696,
1.6853


 87.9151, 102.0008,
34.2736

 9.0773, 11.7206,
0.3506


 113.3763,
130.5151, 49.0251

 4.8491, 6.5537,
0.0000

 143.3321,
163.9022, 67.4977

 2.1929, 3.1846,
0.0000

 178.1480,
202.5467, 90.1101

 0.7390, 1.2289,
0.0000

 218.1894,

 0.0000, 0.0851,

246.8328, 117.2807

0.0000

263.8215,
297.1451, 149.4281

■ 0.0000, 0.0000,
0.0000

■ 34.8464, 41.8517,
8.1610

■ 34.8464, 41.8517,
8.1610

■ 34.5879, 41.7465,
6.9495

■ 35.2468, 42.0168,
10.1110

■ 34.4396, 41.6838,
6.3226

■ 35.8035, 42.2429,
12.8886

■ 34.4168, 41.6740,
6.2299

■ 36.5325, 42.5380,
16.5732

■ 37.4470, 42.9072,
21.2342

■ 38.5588, 43.3553,
26.9340

■ 39.8788, 43.8867,
33.7303

■ 41.4171, 44.5055,
41.6760

■ 43.1832, 45.2154,
50.8211

■ 45.1860, 46.0199,
61.2123

Harmonies

Analogous

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



46.0333, 41.8517, 8.3579



34.8464, 41.8517, 8.1610



26.6805, 41.8517, 14.0825

Triad

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



34.8464, 41.8517, 8.1610



26.2337, 41.8517, 102.8267



64.1579, 41.8517, 64.8317

Complementary

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



34.8464, 41.8517, 8.1610



9.7384, 5.1576, 43.1328

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.



56.5855, 41.8517, 105.7432



34.8464, 41.8517, 8.1610



34.1181, 41.8517, 133.7680

Square

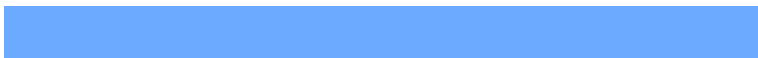
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



34.8464, 41.8517, 8.1610



22.3744, 41.8517, 61.9726



45.1559, 41.8517, 135.0323



64.4536, 41.8517, 32.3506

Rectangle

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



34.8464, 41.8517, 8.1610



23.4553, 41.8517, 23.5249



45.1559, 41.8517, 135.0323



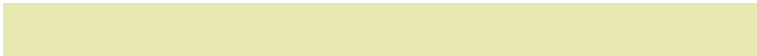
62.3234, 41.8517, 78.3109

Sweetspot

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



34.8474, 41.8537, 8.1619



70.1455, 78.0831, 53.8520



19.6836, 11.1822, 3.0409



15.3592, 17.2262, 10.9969



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.



34.8474, 41.8537, 8.1619



61.7378, 74.6759, 11.5727



22.7948, 35.6403, 7.5978



9.1909, 9.9035, 9.0797



24.3216, 29.4483, 4.4022



0.7672, 0.9276, 0.1386

Inverse Universe

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



9.7384, 5.1576, 43.1328



14.9337, 6.2468, 76.7998



15.1702, 7.9578, 43.3870



8.0474, 8.2330, 10.6713



5.7635, 2.3070, 30.2785



0.1832, 0.0735, 0.9528

Previews

White Background



This preview shows how the XYZ color 34.8464, 41.8517, 8.1610 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 34.8464, 41.8517, 8.1610 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 34.8464, 41.8517, 8.1610

Background



This preview shows how black text looks on a background with the XYZ color 34.8464, 41.8517, 8.1610.



This preview shows how white text looks on a background with the XYZ color 34.8464, 41.8517,

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

34.8464, 41.8517, 8.1610

Protanopia

37.7991, 41.6292, 7.8767

Deuteranopia

42.3839, 41.4999, 8.3612



Tritanopia

43.2921, 41.8799, 48.9819

Trichromacy



Original Color

34.8464, 41.8517, 8.1610

Protanomaly

36.6661, 41.6187, 7.9344

Deuteranomaly

39.2526, 41.2469, 8.1781

Tritanomaly

38.7751, 41.1499, 26.6679

Monochromacy



Original Color

34.8464, 41.8517, 8.1610

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

33.6064, 38.0088, 22.7047

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.8464, 41.8517, 8.1610 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(178, 179, 39)` looks like.

```
.text, #text, p{  
    color:rgb(178, 179, 39)  
}
```

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(178, 179, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 179, 39) }
```

Border

The CSS property to change the border of an element to XYZ 34.8464, 41.8517, 8.1610 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(178, 179, 39) }
```


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

```
.border{ border-color:rgb(178, 179, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 179, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 179, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 179, 39);  
box-shadow:4px 4px 4px 4px rgb(178, 179,  
39) }
```

Background

The CSS property to change the background color of an element to XYZ 34.8464, 41.8517, 8.1610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 179, 39) }
```

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

```
.background{ background-color: rgb(178,  
179, 39) }
```

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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