

Converting Colors

YUV(38.4960, 54.9715, 8.3350)

Have a look what the booklet for
YUV(38.4960, 54.9715, 8.3350)
contains.

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Color

**YUV(38.4960, 54.9715,
8.3350)**

Conversions

Conversions Part 1

Format	Color
Hex	300C96
RGB	48, 12, 150
RGB Percent	19%, 5%, 59%
CMY	0.8118, 0.9529, 0.4118
CMYK	0.68, 0.92, 0.00, 0.41
HSL	256°, 85%, 32%
HSV	256°, 92%, 59%
XYZ	6.8554, 3.0933, 29.0899
YIQ	38.4960, -22.8420, 50.5500

Conversions

Conversions Part 2

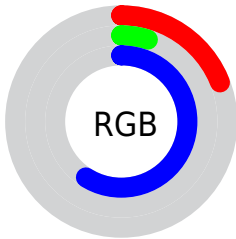
Format	Color
RYB	48, 12, 150
Decimal	3148950
CIELab	20.41, 51.17, -66.03
CIELCh	20, 83.539, 307.776
Yxy	3.0933, 0.1756, 0.0792
Android (android.graphics.Color)	4281339030 (0xFF300C96)
YUV	38.4960, 54.9715, 8.3350
Hunter-Lab	17.5879, 38.7971, -85.7527

Details

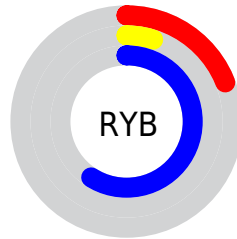
The YUV color **38.4960, 54.9715, 8.3350** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **123.5040, -54.9715, -8.3350**, and the grayscale version is **38.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **94.4150, 54.5184, 13.6680**, and **11.1720, 42.8062, -9.7978** is the 20% darker color. If you saturate the color by 10%, you get **28.7610, 59.7708, 8.9796**, and if you desaturate by 10%, it is **50.5900, 49.0091, 7.3756**.

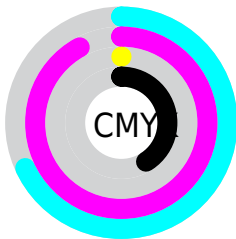
Distribution



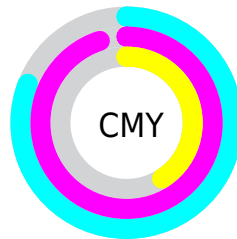
- Red (19%)
- Green (5%)
- Blue (59%)



- Red (19%)
- Yellow (5%)
- Blue (59%)



- Cyan (68%)
- Magenta (92%)
- Yellow (0%)
- Black (41%)



- Cyan (81%)
- Magenta (95%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 38.4960, 54.9715, 8.3350 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 YUV color 38.4960, 54.9715, 8.3350 by changing the saturation by 10% instead.

■ 38.4960, 54.9715,
8.3350

■ 38.4960, 54.9715,
8.3350

■ 255.0000, 0.0000,
0.0000

■ 14.0220, 53.7262,
-12.2973

■ 94.4150, 54.5184,
13.6680

■ 11.1720, 42.8062,
-9.7978

■ 121.0670, 55.6760,
15.7272

■ 8.9090, 31.5969,
-7.8132

■ 147.3940, 53.0498,
18.0715

■ 7.9340, 20.2455,
-6.9581

■ 171.6260, 41.1034,
23.1300


■ 3.6650, 11.5042,
-3.2142


■ 196.4450, 28.8676,
27.6737


■ 0.0000, 0.0000,
0.0000


■ 220.9540, 16.7847,


29.8583


 237.9770, 8.3923,
14.9292


 38.4960, 54.9715,
8.3350


 38.4960, 54.9715,
8.3350


 28.7610, 59.7708,
8.9796

 50.5900, 49.0091,
7.3756

 62.6840, 43.0468,
6.4161

 74.7780, 37.0844,
5.4567

 86.8720, 31.1221,
4.4973

 98.9660, 25.1598,
3.5378

■ 111.3590, 19.0500,
3.1932

■ 123.4530, 13.0877,
2.2337

■ 135.5470, 7.1253,
1.2743

■ 147.6410, 1.1630,
0.3148

Harmonies

Analogous

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



53.6370, 60.8180, -47.0396



38.4960, 54.9715, 8.3350



49.0310, 23.6487, 68.3788

Triad

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



38.4960, 54.9715, 8.3350



42.2050, -20.8071, 47.1782



47.9130, 8.4239, -42.0197

Complementary

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



38.4960, 54.9715, 8.3350



123.5040, -54.9715, -8.3350

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.



39.3290, -19.3892, -34.4915



38.4960, 54.9715, 8.3350



45.1640, -22.2659, 1.6102

Square

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



38.4960, 54.9715, 8.3350



39.1690, -19.3103, 80.5358



36.9810, -18.2316, -32.4323



55.4540, 34.7792, -48.6332

Rectangle

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



38.4960, 54.9715, 8.3350



49.2550, 3.8183, 82.2144



36.9810, -18.2316, -32.4323



44.8180, -0.8963, -39.3054

Sweetspot

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



38.4960, 54.9715, 8.3350



150.3420, 21.5234, 3.2081



88.7800, 30.1815, -67.3361



70.4530, 13.0877, 2.2337



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



38.4960, 54.9715, 8.3350



37.3650, 77.2211, 11.9579



58.8280, 44.9478, 50.1398



68.0970, 2.9102, -0.0851



26.4960, 54.9715, 8.3350



2.0370, 3.9258, 0.8446

Inverse Universe

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



64.8900, 24.2112, 74.6415



74.3080, 33.8652, 104.9699



103.1720, -44.9478, -50.1398



69.6630, 1.1521, 3.8035



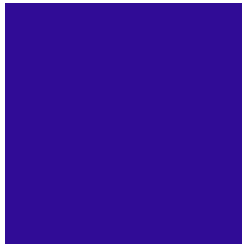
52.8900, 24.2112, 74.6415



3.9020, 2.0203, 5.3479

Previews

White Background



This preview shows how the YUV color 38.4960, 54.9715, 8.3350 looks on a white background.

Color Contrast Check

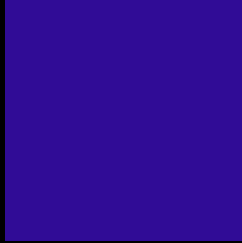
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 38.4960, 54.9715, 8.3350 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 38.4960, 54.9715, 8.3350

Background



This preview shows how black text looks on a background with the YUV color 38.4960, 54.9715, 8.3350.



This preview shows how white text looks on a background with the YUV color 38.4960, 54.9715,

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

38.4960, 54.9715, 8.3350

Protanopia

40.5050, 30.8100, -35.5229

Deuteranopia

41.1430, 23.1005, -36.0824



Tritanopia

40.2990, 9.7126, -35.3422

Trichromacy



Original Color

38.4960, 54.9715, 8.3350

Protanomaly

39.8950, 39.4918, -20.0789

Deuteranomaly

40.0430, 34.9818, -20.2087

Tritanomaly

39.7520, 26.2513, -19.9535

Monochromacy



Original Color

38.4960, 54.9715, 8.3350

Achromatopsia

38.0000, 0.0000, 0.0000

Achromatomaly

38.5870, 19.9236, 2.9932

CSS Examples

Text

The CSS property to change the color of the text to YUV 38.4960, 54.9715, 8.3350 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(48, 12, 150)` looks like.

```
.text, #text, p{  
    color:rgb(48, 12, 150)  
}
```

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(48, 12, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 12, 150) }
```

Border

The CSS property to change the border of an element to YUV 38.4960, 54.9715, 8.3350 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(48, 12, 150) }
```


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

```
.border{ border-color:rgb(48, 12, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 12, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 12, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 12, 150);  
box-shadow:4px 4px 4px 4px rgb(48, 12,  
150) }
```

Background

The CSS property to change the background color of an element to YUV 38.4960, 54.9715, 8.3350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 12, 150) }
```

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

```
.background{ background-color: rgb(48, 12,  
150) }
```

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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