

Converting Colors

YUV(87.6380, -41.2335,
18.7345)

Have a look what the booklet for
YUV(87.6380, -41.2335, 18.7345)
contains.

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Color

**YUV(87.6380, -41.2335,
18.7345)**

Conversions

Conversions Part 1

Format	Color
Hex	6D5D04
RGB	109, 93, 4
RGB Percent	43%, 36%, 2%
CMY	0.5725, 0.6353, 0.9843
CMYK	0.00, 0.15, 0.96, 0.57
HSL	51°, 93%, 22%
HSV	51°, 96%, 43%
XYZ	10.2429, 11.0887, 1.7153
YIQ	87.6380, 38.1050, -24.2870

Conversions

Conversions Part 2

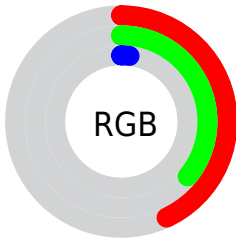
Format	Color
RYB	23, 109, 4
Decimal	7167236
CIELab	39.73, -2.27, 45.95
CIELCh	40, 46.004, 92.833
Yxy	11.0887, 0.4444, 0.4811
Android (android.graphics.Color)	4285357316 (0xFF6D5D04)
YUV	87.6380, -41.2335, 18.7345
Hunter-Lab	33.2997, -3.3680, 20.2556

Details

The YUV color **87.6380, -41.2335, 18.7345** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **25.3620, 41.2335, -18.7345**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.8170, -39.3498, 21.2085**, and **45.2190, -22.2930, 10.3319** is the 20% darker color. If you saturate the color by 10%, you get **86.5950, -42.6913, 19.6492**, and if you desaturate by 10%, it is **90.0660, -37.0075, 16.6051**.

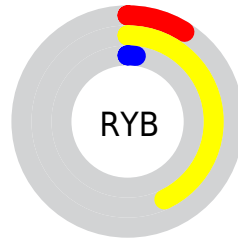
Distribution



Red (43%)

Green (36%)

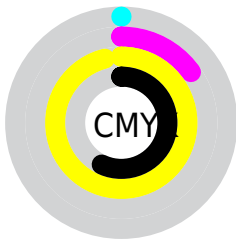
Blue (2%)



Red (9%)

Yellow (43%)

Blue (2%)

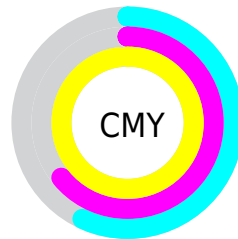


Cyan (0%)

Magenta (15%)

Yellow (96%)

Black (57%)



Cyan (57%)

Magenta (64%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.6380, -41.2335, 18.7345 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 87.6380, -41.2335, 18.7345 by changing the saturation by 10% instead.

87.6380, -41.2335,
18.7345

87.6380, -41.2335,
18.7345

254.3160, -2.6208,
0.5999

65.9070, -32.4922,
14.9906

139.8170,
-39.3498, 21.2085

45.2190, -22.2930,
10.3319

166.3010,
-40.0814, 22.5380

25.4170, -12.5306,
5.7733

193.7850,
-40.8130, 23.8676

0.0000, 0.0000,
0.0000

222.1550,
-41.9814, 25.2971

243.4520,
-39.1698, 10.1276

247.7040,

-27.9551, 6.3986

■ 251.0100,
-15.2879, 3.4992

■ 87.6380, -41.2335,
18.7345

■ 87.6380, -41.2335,
18.7345

■ 86.5950, -42.6913,
19.6492

■ 90.0660, -37.0075,
16.6051

■ 91.9070, -32.4922,
14.9906

■ 94.3350, -28.2662,
12.8612

■ 96.7630, -24.0402,
10.7318

■ 98.6040, -19.5248,
9.1173

■ 100.9180,
-15.7356, 7.0879

■ 103.3460,
-11.5096, 4.9586

■ 105.1870, -6.9942,
3.3440

■ 107.6150, -2.7682,
1.2146

Harmonies

Analogous

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



90.6700, -32.8683, 42.3854



87.6380, -41.2335, 18.7345



84.4260, -29.7900, -11.7746

Triad

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



87.6380, -41.2335, 18.7345



80.3190, 25.9717, -70.4398



95.0200, 16.7521, 40.3245

Complementary

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



87.6380, -41.2335, 18.7345



25.3620, 41.2335, -18.7345

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.



95.3340, 30.4013, 2.3381



87.6380, -41.2335, 18.7345



80.4620, 39.2122, -70.5652

Square

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



87.6380, -41.2335, 18.7345



76.1010, 9.8102, -66.7406



76.2050, 45.7479, -66.8318



91.2000, 0.3944, 60.3376

Rectangle

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



87.6380, -41.2335, 18.7345



78.1050, -16.3208, -38.6801



76.2050, 45.7479, -66.8318



96.3930, 21.0053, 29.4733

Sweetspot

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



87.6380, -41.2335, 18.7345



134.1030, -16.3198, 7.8027



37.4470, -7.6154, 62.7520



66.3890, -10.0518, 4.0438



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



87.6380, -41.2335, 18.7345



113.7840, -56.0955, 25.6224



86.5650, -40.7045, -11.0195



52.7290, -2.3314, 1.1147



93.0960, -45.8963, 20.9638



194.7640, -96.0187, 44.0570

Inverse Universe

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



25.3620, 41.2335, -18.7345



29.2160, 56.0955, -25.6224



26.4350, 40.7045, 11.0195



49.2710, 2.3314, -1.1147



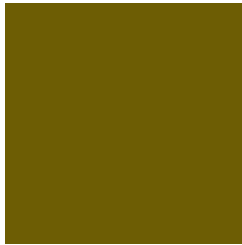
23.9040, 45.8963, -20.9638



49.6490, 96.3080, -43.5422

Previews

White Background



This preview shows how the YUV color 87.6380, -41.2335, 18.7345 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 × Fail

Black Background



This preview shows how the YUV color 87.6380, -41.2335, 18.7345 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

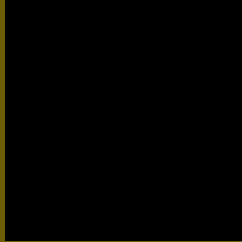
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 87.6380, -41.2335, 18.7345

Background



This preview shows how black text looks on a background with the YUV color 87.6380, -41.2335, 18.7345.



This preview shows how white text looks on a background with the YUV color 87.6380, -41.2335,

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

87.6380, -41.2335, 18.7345

Protanopia

87.4420, -40.6439, 16.2754

Deuteranopia

89.0780, -38.4925, 26.2416



Tritanopia

95.1700, -1.0698, 16.5139

Trichromacy



Original Color

87.6380, -41.2335, 18.7345

Protanomaly

87.7410, -40.7913, 16.8901

Deuteranomaly

88.1270, -39.5026, 23.5676

Tritanomaly

92.6850, -15.6207, 16.9393

Monochromacy



Original Color

87.6380, -41.2335, 18.7345

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

88.0320, -15.2988, 6.9879

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.6380, -41.2335, 18.7345 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(109, 93, 4)` looks like.

```
.text, #text, p{  
    color:rgb(109, 93, 4)  
}
```

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(109, 93, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 93, 4) }
```

Border

The CSS property to change the border of an element to YUV 87.6380, -41.2335, 18.7345 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(109, 93, 4) }
```


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

```
.border{ border-color:rgb(109, 93, 4) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 93, 4)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 93, 4); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 93, 4);  
box-shadow:4px 4px 4px 4px rgb(109, 93, 4)  
}
```

Background

The CSS property to change the background color of an element to YUV 87.6380, -41.2335, 18.7345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 93, 4) }
```

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

```
.background{ background-color: rgb(109, 93,  
4) }
```

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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