

Converting Colors

YUV(86.0230, -38.4653,
17.5198)

Have a look what the booklet for
YUV(86.0230, -38.4653, 17.5198)
contains.

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Color

**YUV(86.0230, -38.4653,
17.5198)**

Conversions

Conversions Part 1

Format	Color
Hex	6A5B08
RGB	106, 91, 8
RGB Percent	42%, 36%, 3%
CMY	0.5843, 0.6431, 0.9686
CMYK	0.00, 0.14, 0.92, 0.58
HSL	51°, 86%, 22%
HSV	51°, 92%, 42%
XYZ	9.7288, 10.5639, 1.7560
YIQ	86.0230, 35.5830, -22.6330

Conversions

Conversions Part 2

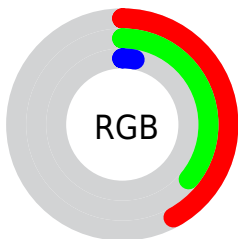
Format	Color
R_{YB}	26, 106, 8
Decimal	6970120
CIE Lab	38.84, -2.47, 44.01
CIE LCh	39, 44.084, 93.216
Yxy	10.5639, 0.4412, 0.4791
Android (android.graphics.Color)	4285160200 (0xFF6A5B08)
YUV	86.0230, -38.4653, 17.5198
Hunter-Lab	32.5021, -3.4488, 19.5482

Details

The YUV color **86.0230, -38.4653, 17.5198** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **27.9770, 38.4653, -17.5198**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.6750, -37.3078, 19.5790**, and **43.4470, -21.4194, 10.1320** is the 20% darker color. If you saturate the color by 10%, you get **84.5240, -41.6703, 18.8345**, and if you desaturate by 10%, it is **88.4510, -34.2393, 15.3905**.

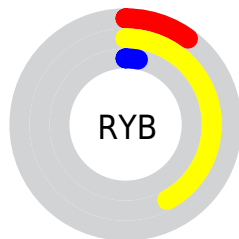
Distribution



Red (42%)

Green (36%)

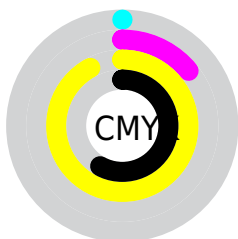
Blue (3%)



Red (10%)

Yellow (42%)

Blue (3%)

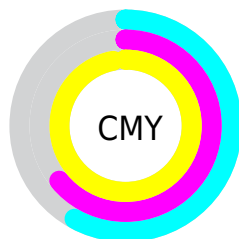


Cyan (0%)

Magenta (14%)

Yellow (92%)

Black (58%)



Cyan (58%)

Magenta (64%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.0230, -38.4653, 17.5198 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 86.0230, -38.4653, 17.5198 by changing the saturation by 10% instead.

86.0230, -38.4653,
17.5198

86.0230, -38.4653,
17.5198

254.4300, -2.1840,
0.4999

63.8360, -31.4711,
14.1758

137.6750,
-37.3078, 19.5790

43.4470, -21.4194,
10.1320

164.4580,
-38.1868, 21.5233

23.6450, -11.6570,
5.5733

191.5290,
-39.2078, 22.3381

0.0000, 0.0000,
0.0000

219.8990,
-40.3762, 23.7676

242.3920,
-38.1543, 11.0572

247.9320,

-27.0815, 6.1986

■ 251.1240,
-14.8511, 3.3993

■ 86.0230, -38.4653,
17.5198

■ 86.0230, -38.4653,
17.5198

■ 84.5240, -41.6703,
18.8345

■ 88.4510, -34.2393,
15.3905

■ 90.1780, -30.1608,
13.8759

■ 92.6060, -25.9348,
11.7465

■ 94.3330, -21.8562,
10.2320

■ 96.7610, -17.6302,
8.1026

■ 99.1890, -13.4042,
5.9732

■ 100.9160, -9.3256,
4.4587

■ 103.3440, -5.0996,
2.3293

■ 105.6580, -1.3104,
0.2999

Harmonies

Analogous

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



88.4140, -31.2631, 40.8559



86.0230, -38.4653, 17.5198



82.8820, -28.0428, -12.1745

Triad

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



86.0230, -38.4653, 17.5198



78.2160, 25.5295, -68.5954



93.5530, 15.0104, 38.9800

Complementary

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



86.0230, -38.4653, 17.5198



27.9770, 38.4653, -17.5198

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.



93.2910, 28.9435, 3.2528



86.0230, -38.4653, 17.5198



78.1310, 37.8964, -68.5209

Square

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



86.0230, -38.4653, 17.5198



74.1120, 9.8048, -64.9962



73.7600, 43.9953, -64.6875



89.3630, -0.1790, 57.5636

Rectangle

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



86.0230, -38.4653, 17.5198



77.0450, -15.3052, -37.7505



73.7600, 43.9953, -64.6875



94.4530, 19.9897, 28.5437

Sweetspot

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



86.0230, -38.4653, 17.5198



130.0320, -15.2988, 6.9879



39.1260, -7.4571, 58.6485



63.9160, -9.3256, 4.4587



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



86.0230, -38.4653, 17.5198



109.9410, -54.2009, 24.6077



84.9610, -37.9418, -10.4898



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.



27.9770, 38.4653, -17.5198



28.0590, 54.2009, -24.6077



29.0390, 37.9418, 10.4898



49.2710, 2.3314, -1.1147



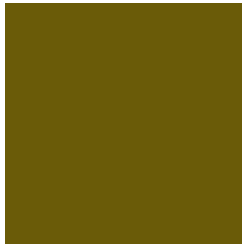
23.9040, 45.8963, -20.9638



49.6490, 96.3080, -43.5422

Previews

White Background



This preview shows how the YUV color 86.0230, -38.4653, 17.5198 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 86.0230, -38.4653, 17.5198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

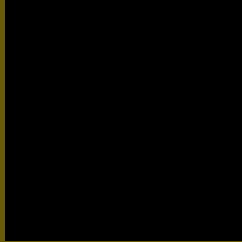
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 86.0230, -38.4653, 17.5198

Background



This preview shows how black text looks on a background with the YUV color 86.0230, -38.4653, 17.5198.

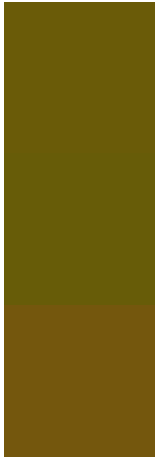


This preview shows how white text looks on a background with the YUV color 86.0230, -38.4653,

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

86.0230, -38.4653, 17.5198

Protanopia

85.7130, -38.3125, 15.1607

Deuteranopia

87.2350, -36.5979, 25.2269



Tritanopia

93.4580, -1.2118, 15.3843

Trichromacy



Original Color

86.0230, -38.4653, 17.5198

Protanomaly

86.0120, -38.4599, 15.7755

Deuteranomaly

86.3980, -37.1712, 22.4530

Tritanomaly

90.6140, -14.5997, 16.1245

Monochromacy



Original Color

86.0230, -38.4653, 17.5198

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

86.0750, -13.8410, 6.0732

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.0230, -38.4653, 17.5198 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(106, 91, 8)` looks like.

```
.text, #text, p{  
    color:rgb(106, 91, 8)  
}
```

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(106, 91, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 91, 8) }
```

Border

The CSS property to change the border of an element to YUV 86.0230, -38.4653, 17.5198 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(106, 91, 8) }
```


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

```
.border{ border-color:rgb(106, 91, 8) }
```

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

Here you see how a box with a 4 pixel rgb(106, 91, 8) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 91, 8); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 91, 8);  
box-shadow:4px 4px 4px 4px rgb(106, 91, 8)  
}
```

Background

The CSS property to change the background color of an element to YUV 86.0230, -38.4653, 17.5198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 91, 8) }
```

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

```
.background{ background-color: rgb(106, 91,  
8) }
```

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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