

Converting Colors

YUV(86.1380, -42.4660,
87.5790)

Have a look what the booklet for
YUV(86.1380, -42.4660, 87.5790)
contains.

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Color

**YUV(86.1380, -42.4660,
87.5790)**

Conversions

Conversions Part 1

Format	Color
Hex	BA3400
RGB	186, 52, 0
RGB Percent	73%, 20%, 0%
CMY	0.2706, 0.7961, 1.0000
CMYK	0.00, 0.72, 1.00, 0.27
HSL	17°, 100%, 36%
HSV	17°, 100%, 73%
XYZ	21.4777, 12.8951, 1.3570
YIQ	86.1380, 96.5560, 12.2360

Conversions

Conversions Part 2

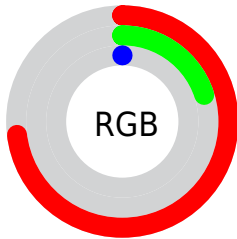
Format	Color
R_{YB}	186, 72, 0
Decimal	12203008
CIE _{Lab}	42.60, 51.94, 54.67
CIE _{LCh}	43, 75.411, 46.469
Yxy	12.8951, 0.6011, 0.3609
Android (android.graphics.Color)	4290393088 (0xFFBA3400)
YUV	86.1380, -42.4660, 87.5790
Hunter-Lab	35.9097, 43.9192, 22.8963

Details

The YUV color **86.1380, -42.4660, 87.5790** is a dark color, and the websafe version is hex **CC3300**. A complement of this color would be **99.8620, 42.4660, -87.5790**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.8290, -43.7927, 93.1120**, and **37.0760, -18.2785, 76.2323** is the 20% darker color. If you saturate the color by 10%, you get **86.1380, -42.4660, 87.5790**, and if you desaturate by 10%, it is **95.9350, -37.9290, 78.9870**.

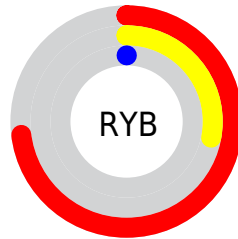
Distribution



Red (73%)

Green (20%)

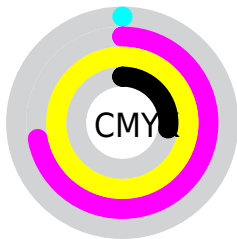
Blue (0%)



Red (73%)

Yellow (28%)

Blue (0%)

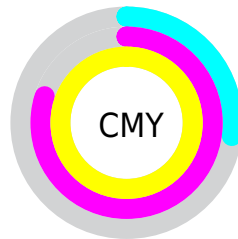


Cyan (0%)

Magenta (72%)

Yellow (100%)

Black (27%)



Cyan (27%)


Magenta (80%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YUV color 86.1380, -42.4660, 87.5790 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 86.1380, -42.4660, 87.5790 by changing the saturation by 10% instead.


 86.1380, -42.4660,
87.5790


 86.1380, -42.4660,
87.5790


 253.5180, -5.6784,
1.2997

 57.4980, -28.3465,
85.5093


 143.8290,
-43.7927, 93.1120


 37.0760, -18.2785,
76.2323


 164.0230,
-41.4233, 79.7868


 27.8070, -13.7089,
57.1743

 183.3090,
-38.6063, 62.8730

 19.5490, -9.1447,
39.8605

 202.7090,
-35.3525, 45.8592


 10.2800, -4.5750,
20.8024


 222.8100,
-31.9513, 28.2306


 0.0000, 0.0000,
0.0000


 242.9110,


-28.5501, 10.6021


 250.2120,
-18.3455, 4.1991


 86.1380, -42.4660,
87.5790

 95.9350, -37.9290,
78.9870

 106.2050,
-34.1181, 69.9802

 116.0020,
-29.5810, 61.3882

 126.2720,
-25.7701, 52.3815

 136.0690,
-21.2330, 43.7895

■ 145.8660,
-16.6959, 35.1975

■ 156.1360,
-12.8850, 26.1907

■ 165.9330, -8.3480,
17.5988

■ 176.2030, -4.5371,
8.5920

Harmonies

Analogous

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



69.2750, 0.3574, 119.0308



86.1380, -42.4660, 87.5790



95.3100, -46.9878, 44.4551

Triad

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



86.1380, -42.4660, 87.5790



80.6540, -5.7454, -70.7336



82.2470, 68.8982, -72.1306

Complementary

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



86.1380, -42.4660, 87.5790



99.8620, 42.4660, -87.5790

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.



93.6280, 64.2734, -82.1118



86.1380, -42.4660, 87.5790



89.2380, 22.0677, -78.2617

Square

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



86.1380, -42.4660, 87.5790



69.8530, -34.4375, -61.2611



95.1490, 47.2545, -83.4457



100.5830, 43.0966, 37.1997

Rectangle

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



86.1380, -42.4660, 87.5790



93.6500, -46.1695, 15.2159



95.1490, 47.2545, -83.4457



87.5130, 68.7671, -76.7489

Sweetspot

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



86.1380, -42.4660, 87.5790



203.2680, -16.4011, 33.9680



71.1180, 31.9868, 100.7515



98.7870, -10.2480, 20.3578



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



86.1380, -42.4660, 87.5790



112.2740, -55.3511, 113.7697



139.5550, -68.8006, 40.7323



86.8650, -1.9054, 4.5034



71.8850, -35.4393, 73.7689



13.0680, -6.4425, 13.0954

Inverse Universe

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



99.8620, 42.4660, -87.5790



130.3130, 55.0617, -114.2845



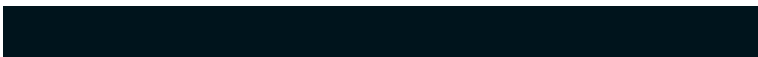
46.4450, 68.8006, -40.7323



87.5480, 2.1948, -3.9886



83.5280, 35.7287, -73.2541



14.9320, 6.4425, -13.0954

Previews

White Background



This preview shows how the YUV color 86.1380, -42.4660, 87.5790 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 86.1380, -42.4660, 87.5790 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 86.1380, -42.4660, 87.5790

Background



This preview shows how black text looks on a background with the YUV color 86.1380, -42.4660, 87.5790.



This preview shows how white text looks on a background with the YUV color 86.1380, -42.4660,

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

86.1380, -42.4660, 87.5790

Protanopia

96.3540, -37.1495, 15.4755

Deuteranopia

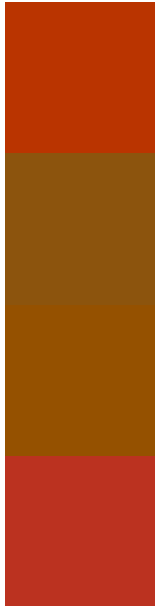
95.2110, -46.9390, 28.7560



Tritanopia

90.3760, -19.9054, 84.7392

Trichromacy



Original Color

86.1380, -42.4660, 87.5790

Protanomaly

92.6500, -39.2675, 41.5259

Deuteranomaly

92.0980, -45.4043, 49.9031

Tritanomaly

88.9110, -28.0571, 86.0241

Monochromacy



Original Color

86.1380, -42.4660, 87.5790

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

86.1860, -15.3747, 31.4089

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.1380, -42.4660, 87.5790 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(186, 52, 0)` looks like.

```
.text, #text, p{  
    color:rgb(186, 52, 0)  
}
```

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(186, 52, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 52, 0) }
```

Border

The CSS property to change the border of an element to YUV 86.1380, -42.4660, 87.5790 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(186, 52, 0) }
```


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

```
.border{ border-color:rgb(186, 52, 0) }
```

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

Here you see how a box with a 4 pixel rgb(186, 52, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 52, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 52, 0);  
box-shadow:4px 4px 4px 4px rgb(186, 52, 0)  
}
```

Background

The CSS property to change the background color of an element to YUV 86.1380, -42.4660, 87.5790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 52, 0) }
```

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

```
.background{ background-color: rgb(186, 52,  
0) }
```

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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