

Converting Colors

YUV(84.2560, -35.1292,
20.8235)

Have a look what the booklet for
YUV(84.2560, -35.1292, 20.8235)
contains.

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Color

**YUV(84.2560, -35.1292,
20.8235)**

Conversions

Conversions Part 1

Format	Color
Hex	6C560D
RGB	108, 86, 13
RGB Percent	42%, 34%, 5%
CMY	0.5765, 0.6627, 0.9490
CMYK	0.00, 0.20, 0.88, 0.58
HSL	46°, 79%, 24%
HSV	46°, 88%, 42%
XYZ	9.5848, 9.8728, 1.7812
YIQ	84.2560, 36.5450, -18.0390

Conversions

Conversions Part 2

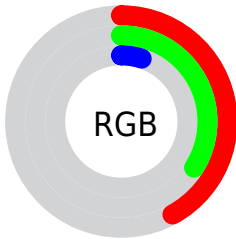
Format	Color
RYB	42, 108, 13
Decimal	7099917
CIELab	37.61, 1.64, 41.67
CIELCh	38, 41.697, 87.748
Yxy	9.8728, 0.4513, 0.4648
Android (android.graphics.Color)	4285289997 (0xFF6C560D)
YUV	84.2560, -35.1292, 20.8235
Hunter-Lab	31.4210, -0.5364, 18.6336

Details

The YUV color **84.2560, -35.1292, 20.8235** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **36.7440, 35.1292, -20.8235**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.2780, -35.1401, 24.3122**, and **40.8110, -20.1198, 13.3208** is the 20% darker color. If you saturate the color by 10%, you get **81.2410, -39.0658, 23.4676**, and if you desaturate by 10%, it is **87.2710, -31.1926, 18.1793**.

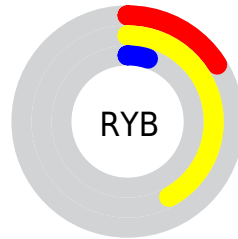
Distribution



Red (42%)

Green (34%)

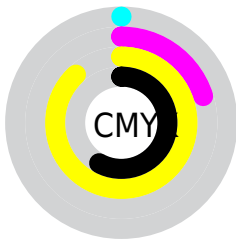
Blue (5%)



Red (16%)

Yellow (42%)

Blue (5%)

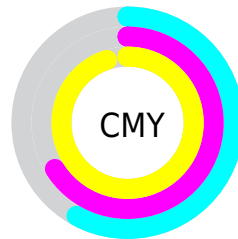


Cyan (0%)

Magenta (20%)

Yellow (88%)

Black (58%)



Cyan (58%)

Magenta (66%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.2560, -35.1292, 20.8235 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 84.2560, -35.1292, 20.8235 by changing the saturation by 10% instead.

■ 84.2560, -35.1292,
20.8235

■ 84.2560, -35.1292,
20.8235

■ 254.6580, -1.3104,
0.2999

■ 61.4990, -30.3190,
17.9794

■ 135.2780,
-35.1401, 24.3122

■ 40.8110, -20.1198,
13.3208

■ 162.2350,
-36.5979, 25.2269

■ 21.8950, -10.7942,
8.8621

■ 189.1320,
-37.0401, 27.0712

■ 0.0000, 0.0000,
0.0000

■ 217.2030,
-38.0611, 27.8860

■ 239.0980,
-35.5443, 13.9461

■ 248.1600,

-26.2079, 5.9987

■ 251.3520,
-13.9775, 3.1993

■ 84.2560, -35.1292,
20.8235

■ 84.2560, -35.1292,
20.8235

■ 81.2410, -39.0658,
23.4676

■ 87.2710, -31.1926,
18.1793

■ 81.0130, -39.9394,
23.6676

■ 89.6990, -26.9666,
16.0500

■ 92.6000, -23.4668,
13.5058

■ 95.0280, -19.2408,
11.3764

■ 98.0430, -15.3042,
8.7323

■ 100.4710,
-11.0782, 6.6029

■ 103.4860, -7.1416,
3.9588

■ 105.8000, -3.3524,
1.9294

■ 108.8150, 0.5842,
-0.7148

Harmonies

Analogous

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



86.1520, -27.1899, 41.0857



84.2560, -35.1292, 20.8235



81.3990, -28.7907, -5.6119

Triad

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



84.2560, -35.1292, 20.8235



74.6140, 21.8823, -65.4365



90.9650, 16.7793, 31.6027

Complementary

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



84.2560, -35.1292, 20.8235



36.7440, 35.1292, -20.8235

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.



89.5350, 28.8232, -4.8542



84.2560, -35.1292, 20.8235



75.8170, 34.1072, -66.4915

Square

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



84.2560, -35.1292, 20.8235



70.7380, 7.0312, -62.0372



72.3750, 41.2271, -63.4729



87.9000, 2.0213, 51.8307

Rectangle

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



84.2560, -35.1292, 20.8235



77.3130, -18.3953, -26.5845



72.3750, 41.2271, -63.4729



91.3380, 21.0324, 20.7516

Sweetspot

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



84.2560, -35.1292, 20.8235



131.2000, -13.4096, 7.7176



43.9130, -4.3941, 56.2043



65.5570, -8.1626, 4.7735



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.



84.2560, -35.1292, 20.8235



105.2560, -51.8912, 30.4705



89.6950, -37.8106, -5.8715



52.1420, -2.0420, 1.6295



87.8130, -43.2918, 25.5970



183.6110, -90.5202, 53.8382

Inverse Universe

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



36.7440, 35.1292, -20.8235



34.7440, 51.8912, -30.4705



31.3050, 37.8106, 5.8715



49.2710, 2.3314, -1.1147



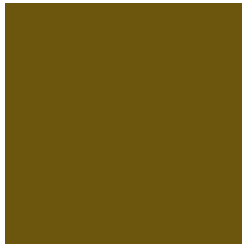
29.1870, 43.2918, -25.5970



61.3890, 90.5202, -53.8382

Previews

White Background



This preview shows how the YUV color 84.2560, -35.1292, 20.8235 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 84.2560, -35.1292, 20.8235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

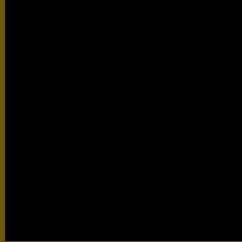
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 84.2560, -35.1292, 20.8235

Background



This preview shows how black text looks on a background with the YUV color 84.2560, -35.1292, 20.8235.



This preview shows how white text looks on a background with the YUV color 84.2560, -35.1292,

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

84.2560, -35.1292, 20.8235

Protanopia

83.7390, -34.3813, 14.2609

Deuteranopia

84.3920, -34.7033, 24.2122



Tritanopia

90.2520, -2.0962, 19.0730

Trichromacy



Original Color

84.2560, -35.1292, 20.8235

Protanomaly

84.0490, -34.5342, 16.6200

Deuteranomaly

84.6800, -34.8452, 23.0826

Tritanomaly

88.0490, -14.3212, 20.1280

Monochromacy



Original Color

84.2560, -35.1292, 20.8235

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

84.3140, -12.9728, 7.6176

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.2560, -35.1292, 20.8235 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(108, 86, 13)` looks like.

```
.text, #text, p{  
    color:rgb(108, 86, 13)  
}
```

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(108, 86, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 86, 13) }
```

Border

The CSS property to change the border of an element to YUV 84.2560, -35.1292, 20.8235 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(108, 86, 13) }
```


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

```
.border{ border-color:rgb(108, 86, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 86, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 86, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 86, 13);  
box-shadow:4px 4px 4px 4px rgb(108, 86,  
13) }
```

Background

The CSS property to change the background color of an element to YUV 84.2560, -35.1292, 20.8235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 86, 13) }
```

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

```
.background{ background-color: rgb(108, 86,  
13) }
```

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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