

Converting Colors

YUV(84.9250, -40.3890,
-65.7092)

Have a look what the booklet for
YUV(84.9250, -40.3890, -65.7092)
contains.

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Color

**YUV(84.9250, -40.3890,
-65.7092)**

Conversions

Conversions Part 1

Format	Color
Hex	0A8B03
RGB	10, 139, 3
RGB Percent	4%, 55%, 1%
CMY	0.9608, 0.4549, 0.9882
CMYK	0.93, 0.00, 0.98, 0.45
HSL	117°, 96%, 28%
HSV	117°, 98%, 55%
XYZ	9.3742, 18.5363, 3.1699
YIQ	84.9250, -33.2280, -69.6440

Conversions

Conversions Part 2

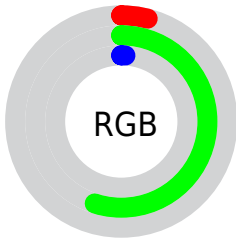
Format	Color
R_{YB}	3, 139, 132
Decimal	690947
CIE Lab	50.14, -54.07, 52.51
CIE LCh	50, 75.374, 135.842
Yxy	18.5363, 0.3016, 0.5964
Android (android.graphics.Color)	4278881027 (0xFF0A8B03)
YUV	84.9250, -40.3890, -65.7092
Hunter-Lab	43.0539, -36.4790, 25.7723

Details

The YUV color **84.9250, -40.3890, -65.7092** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **57.0750, 40.3890, 65.7092**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.9420, -39.4114, -52.5691**, and **51.0690, -25.1770, -44.7875** is the 20% darker color. If you saturate the color by 10%, you get **83.6860, -41.2572, -67.2536**, and if you desaturate by 10%, it is **90.4080, -36.1901, -59.1168**.

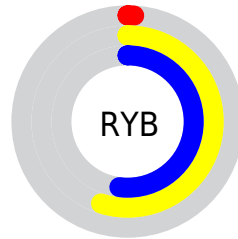
Distribution



Red (4%)

Green (55%)

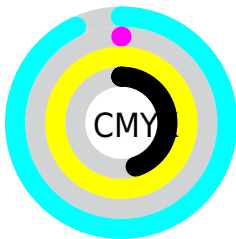
Blue (1%)



Red (1%)

Yellow (55%)

Blue (52%)

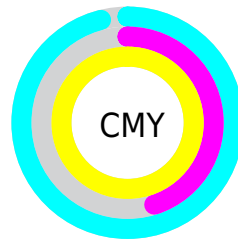


Cyan (93%)

Magenta (0%)

Yellow (98%)

Black (45%)



Cyan (96%)


Magenta (45%)


Yellow (99%)

Brightness & Saturation Gradients


These gradients show how the YUV color 84.9250, -40.3890, -65.7092 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 84.9250, -40.3890, -65.7092 by changing the saturation by 10% instead.


 84.9250, -40.3890,
-65.7092


 84.9250, -40.3890,
-65.7092


255.0000, 0.0000,
0.0000


 66.3310, -32.7012,
-58.1723


 147.9420,
-39.4114, -52.5691


 51.0690, -25.1770,
-44.7875


 176.0130,
-40.4324, -51.7544

 36.9810, -18.2316,
-32.4323

 204.7850,
-41.3060, -51.5544

 23.4800, -11.5756,
-20.5920

 219.1810,
-35.0922, -37.8697


 0.5870, -0.2894,
-0.5148


 231.0440,
-27.1367, -22.8406


 0.0000, 0.0000,
0.0000


 243.2060,


-19.3286, -7.1967


 252.4920, -9.6096,
2.1995


 84.9250, -40.3890,
-65.7092


 84.9250, -40.3890,
-65.7092


 83.6860, -41.2572,
-67.2536

 90.4080, -36.1901,
-59.1168

 95.8910, -31.9913,
-52.5244

 101.6730,
-27.9398, -45.3172

 107.1560,
-23.7409, -38.7248

 112.6390,
-19.5420, -32.1324

■ 118.0080,
-15.7799, -25.4400

■ 123.4910,
-11.5811, -18.8476

■ 128.9740, -7.3822,
-12.2552

■ 134.7560, -3.3307,
-5.0480

Harmonies

Analogous

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



108.3360, -53.4096, 4.0903



84.9250, -40.3890, -65.7092



94.8050, -4.8339, -83.1440

Triad

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



84.9250, -40.3890, -65.7092



107.7620, 67.6583, -94.5073



97.9880, -4.4311, 114.8975

Complementary

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



84.9250, -40.3890, -65.7092



57.0750, 40.3890, 65.7092

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.



105.9790, 22.6884, 96.4884



84.9250, -40.3890, -65.7092



95.9080, 73.0094, -84.1113

Square

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



84.9250, -40.3890, -65.7092



109.1690, 50.2027, -95.7412



121.0990, 43.8282, 35.8702



108.2030, -41.0191, 90.1530

Rectangle

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



84.9250, -40.3890, -65.7092



100.6360, 14.9695, -88.2578



121.0990, 43.8282, 35.8702



96.2730, 6.7674, 116.4016

Sweetspot

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



84.9250, -40.3890, -65.7092



160.1220, -15.3431, -25.5400



118.2130, -56.8000, 18.2302



79.0830, -9.4079, -15.8588



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



84.9250, -40.3890, -65.7092



108.9380, -53.7064, -87.6456



89.5580, -13.5861, -75.9114



66.1090, -2.0257, -3.6036



80.1640, -39.5209, -64.1648



2.9350, -1.4470, -2.5740

Inverse Universe

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



57.0750, 40.3890, 65.7092



72.0620, 53.7064, 87.6456



52.4420, 13.5861, 75.9114



64.5920, 2.1731, 2.9888



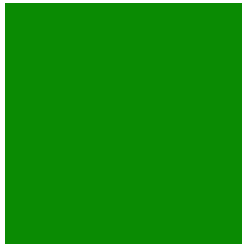
52.8360, 39.5209, 64.1648



2.0650, 1.4470, 2.5740

Previews

White Background



This preview shows how the YUV color 84.9250, -40.3890, -65.7092 looks on a white 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

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

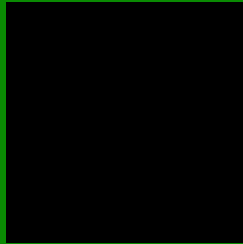
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 84.9250, -40.3890, -65.7092

Background



This preview shows how black text looks on a background with the YUV color 84.9250, -40.3890, -65.7092.



This preview shows how white text looks on a background with the YUV color 84.9250, -40.3890,

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

84.9250, -40.3890, -65.7092

Protanopia

109.9190, -54.1901, 21.1190

Deuteranopia

114.3020, -41.5609, 30.4301



Tritanopia

109.3240, 15.1233, -44.1341

Trichromacy



Original Color

84.9250, -40.3890, -65.7092



Protanomaly

100.6870, -49.1457, -10.2495



Deuteranomaly

103.1960, -41.0156, -4.5569



Tritanomaly

100.5900, -5.2209, -52.2604

Monochromacy



Original Color

84.9250, -40.3890, -65.7092



Achromatopsia

85.0000, 0.0000, 0.0000



Achromatomaly

85.2470, -14.9118, -23.8956

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.9250, -40.3890, -65.7092 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(10, 139, 3)` looks like.

```
.text, #text, p{  
    color:rgb(10, 139, 3)  
}
```

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(10, 139, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 139, 3) }
```

Border

The CSS property to change the border of an element to YUV 84.9250, -40.3890, -65.7092 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(10, 139, 3) }
```


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

```
.border{ border-color:rgb(10, 139, 3) }
```

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

Here you see how a box with a 4 pixel rgb(10, 139, 3) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 139, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 139, 3);  
box-shadow:4px 4px 4px 4px rgb(10, 139, 3)  
}
```

Background

The CSS property to change the background color of an element to YUV 84.9250, -40.3890, -65.7092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 139, 3) }
```

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

```
.background{ background-color: rgb(10, 139,  
3) }
```

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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