

Converting Colors

YUV(94.6050, -41.2173,
13.5014)

Have a look what the booklet for
YUV(94.6050, -41.2173, 13.5014)
contains.

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Color

**YUV(94.6050, -41.2173,
13.5014)**

Conversions

Conversions Part 1

Format	Color
Hex	6E670B
RGB	110, 103, 11
RGB Percent	43%, 40%, 4%
CMY	0.5686, 0.5961, 0.9569
CMYK	0.00, 0.06, 0.90, 0.57
HSL	56°, 82%, 24%
HSV	56°, 90%, 43%
XYZ	11.3411, 13.0397, 2.2358
YIQ	94.6050, 33.7040, -27.1280

Conversions

Conversions Part 2

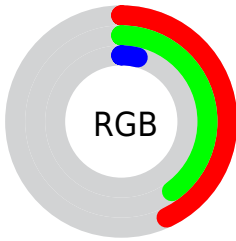
Format	Color
R _Y B	19, 110, 11
Decimal	7235339
CIE Lab	42.82, -7.39, 46.65
CIE LCh	43, 47.234, 99.004
Yxy	13.0397, 0.4261, 0.4899
Android (android.graphics.Color)	4285425419 (0xFF6E670B)
YUV	94.6050, -41.2173, 13.5014
Hunter-Lab	36.1105, -7.1326, 21.6064

Details

The YUV color **94.6050, -41.2173, 13.5014** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **26.3950, 41.2173, -13.5014**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.2570, -40.0597, 15.5606**, and **50.5130, -24.9029, 7.4431** is the 20% darker color. If you saturate the color by 10%, you get **92.7640, -45.7327, 15.1160**, and if you desaturate by 10%, it is **96.4460, -36.7019, 11.8869**.

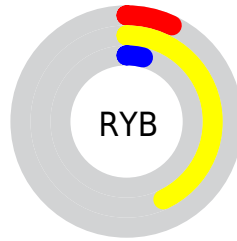
Distribution



Red (43%)

Green (40%)

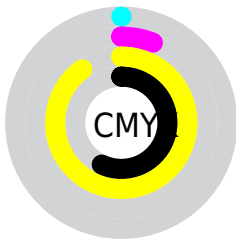
Blue (4%)



Red (7%)

Yellow (43%)

Blue (4%)

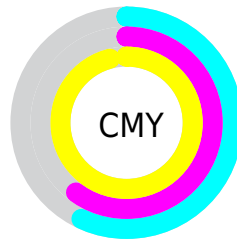


Cyan (0%)

Magenta (6%)

Yellow (90%)

Black (57%)



Cyan (57%)

Magenta (60%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.6050, -41.2173, 13.5014 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 94.6050, -41.2173, 13.5014 by changing the saturation by 10% instead.

■ 94.6050, -41.2173,
13.5014

■ 94.6050, -41.2173,
13.5014

255.0000, 0.0000,
0.0000

■ 71.4890, -35.2441,
10.9721

■ 147.2570,
-40.0597, 15.5606

■ 50.5130, -24.9029,
7.4431

■ 173.7410,
-40.7913, 16.8901

■ 30.7110, -15.1405,
2.8845

■ 201.8120,
-41.8123, 17.7049

■ 8.8050, -4.3409,
-7.7220


■ 229.8830,
-42.8333, 18.5196


■ 0.0000, 0.0000,
0.0000


■ 245.4240,
-36.6910, 8.3982


■ 248.5020,


-24.8975, 5.6987


 251.8080,
-12.2303, 2.7994


 94.6050, -41.2173,
13.5014


 94.6050, -41.2173,
13.5014


 92.7640, -45.7327,
15.1160

 96.4460, -36.7019,
11.8869

 98.2870, -32.1865,
10.2723

 99.5410, -27.3817,
9.1725

 101.3820,
-22.8663, 7.5580

 103.2230,
-18.3509, 5.9434

■ 105.0640,
-13.8356, 4.3289

■ 106.3180, -9.0308,
3.2291

■ 108.1590, -4.5154,
1.6146

■ 110.0000, 0.0000,
0.0000

Harmonies

Analogous

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



97.7360, -36.3518, 39.6965



94.6050, -41.2173, 13.5014



90.0660, -27.1475, -19.3519

Triad

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



94.6050, -41.2173, 13.5014



86.2520, 30.9348, -75.6430



102.2660, 13.6729, 48.0017

Complementary

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



94.6050, -41.2173, 13.5014



26.3950, 41.2173, -13.5014

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.



104.2320, 28.4796, 12.0745



94.6050, -41.2173, 13.5014



86.1670, 43.3017, -75.5685

Square

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



94.6050, -41.2173, 13.5014



83.2080, 14.1945, -72.9734



90.6310, 43.0729, -48.7884



98.4840, -3.6896, 63.5965

Rectangle

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



94.6050, -41.2173, 13.5014



80.7980, -10.7464, -53.3198



90.6310, 43.0729, -48.7884



103.5790, 18.9416, 38.0802

Sweetspot

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



94.6050, -41.2173, 13.5014



136.7930, -16.1669, 5.4435



41.5130, -11.0989, 60.0631



67.9050, -9.3202, 2.7143



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.



94.6050, -41.2173, 13.5014



120.8280, -59.5682, 19.4448



86.4550, -37.1993, -15.3080



55.3160, -2.6208, 0.5999



101.0370, -49.8112, 16.6306



208.8630, -102.9695, 33.4461

Inverse Universe

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



26.3950, 41.2173, -13.5014



22.1720, 59.5682, -19.4448



34.5450, 37.1993, 15.3080



51.2710, 2.3314, -1.1147



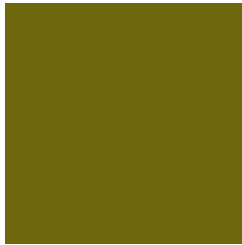
18.3760, 50.1006, -16.1158



38.1370, 102.9695, -33.4461

Previews

White Background



This preview shows how the YUV color 94.6050, -41.2173, 13.5014 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 94.6050, -41.2173, 13.5014 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

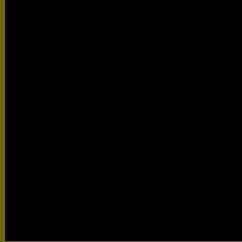
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 94.6050, -41.2173, 13.5014

Background



This preview shows how black text looks on a background with the YUV color 94.6050, -41.2173, 13.5014.



This preview shows how white text looks on a background with the YUV color 94.6050, -41.2173,

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

94.6050, -41.2173, 13.5014

Protanopia

95.1000, -41.9543, 16.5753

Deuteranopia

96.5620, -39.2241, 27.5711



Tritanopia

102.7780, 0.1094, 11.5957

Trichromacy



Original Color

94.6050, -41.2173, 13.5014

Protanomaly

94.8010, -41.8069, 15.9605

Deuteranomaly

96.0020, -39.9340, 21.9232

Tritanomaly

100.1790, -14.8782, 12.1210

Monochromacy



Original Color

94.6050, -41.2173, 13.5014

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

94.7220, -15.1459, 4.6288

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.6050, -41.2173, 13.5014 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(110, 103, 11)` looks like.

```
.text, #text, p{  
    color:rgb(110, 103, 11)  
}
```

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(110, 103, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 103, 11) }
```

Border

The CSS property to change the border of an element to YUV 94.6050, -41.2173, 13.5014 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(110, 103, 11) }
```


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

```
.border{ border-color:rgb(110, 103, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 103, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 103, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 103, 11);  
box-shadow:4px 4px 4px 4px rgb(110, 103,  
11) }
```

Background

The CSS property to change the background color of an element to YUV 94.6050, -41.2173, 13.5014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 103, 11) }
```

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

```
.background{ background-color: rgb(110,  
103, 11) }
```

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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