

Converting Colors

YUV(94.1050, -46.3938, -6.2311)

Have a look what the booklet for
YUV(94.1050, -46.3938, -6.2311)
contains.

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Color

**YUV(94.1050, -46.3938,
-6.2311)**

Conversions

Conversions Part 1

Format	Color
Hex	577400
RGB	87, 116, 0
RGB Percent	34%, 45%, 0%
CMY	0.6588, 0.5451, 1.0000
CMYK	0.25, 0.00, 1.00, 0.55
HSL	75°, 100%, 23%
HSV	75°, 100%, 45%
XYZ	10.1759, 14.5170, 2.2657
YIQ	94.1050, 19.9520, -42.2240

Conversions

Conversions Part 2

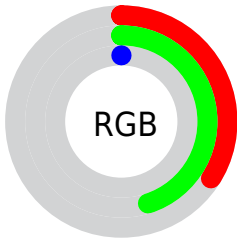
Format	Color
RYB	0, 116, 29
Decimal	5731328
CIELab	44.97, -25.36, 50.10
CIELCh	45, 56.156, 116.850
Yxy	14.5170, 0.3775, 0.5385
Android (android.graphics.Color)	4283921408 (0xFF577400)
YUV	94.1050, -46.3938, -6.2311
Hunter-Lab	38.1012, -19.0043, 23.1451

Details

The YUV color **94.1050, -46.3938, -6.2311** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **21.8950, 46.3938, 6.2311**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.5440, -42.1732, -6.6161**, and **50.6800, -24.9852, -12.8744** is the 20% darker color. If you saturate the color by 10%, you get **94.1050, -46.3938, -6.2311**, and if you desaturate by 10%, it is **96.3700, -41.5944, -5.5865**.

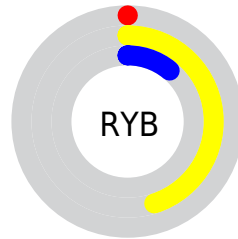
Distribution



Red (34%)

Green (45%)

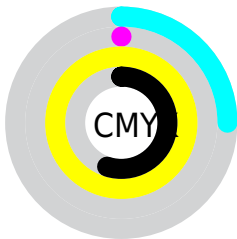
Blue (0%)



Red (0%)

Yellow (45%)

Blue (11%)

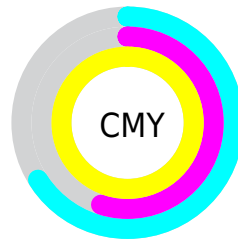


Cyan (25%)

Magenta (0%)

Yellow (100%)

Black (55%)



Cyan (66%)

Magenta (55%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.1050, -46.3938, -6.2311 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 94.1050, -46.3938, -6.2311 by changing the saturation by 10% instead.

■ 94.1050, -46.3938,
-6.2311

■ 94.1050, -46.3938,
-6.2311

■ 254.8860, -0.4368,
0.1000

■ 71.6560, -35.3264,
-9.3453

■ 147.5440,
-42.1732, -6.6161

■ 50.6800, -24.9852,
-12.8744

■ 174.7290,
-42.7574, -5.9013

■ 28.2090, -13.9070,
-19.4773

■ 202.5010,
-43.6310, -5.7014

■ 15.2620, -7.5242,
-13.3848


■ 231.2730,
-44.5046, -5.5014


■ 0.0000, 0.0000,
0.0000


■ 244.7830,
-37.8540, 8.0833


■ 248.2740,

-25.7711, 5.8987


 251.5800,
-13.1039, 2.9993


 94.1050, -46.3938,
-6.2311

 96.3700, -41.5944,
-5.5865

 98.5210, -37.2319,
-4.8419

 100.7860,
-32.4325, -4.1973

 102.9370,
-28.0699, -3.4527

 105.2020,
-23.2706, -2.8082

■ 107.1680,
-18.3238, -2.7783

■ 109.3190,
-13.9613, -2.0338

■ 111.5840, -9.1619,
-1.3892

■ 113.7350, -4.7994,
-0.6446

Harmonies

Analogous

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



99.9290, -49.2650, 28.1263



94.1050, -46.3938, -6.2311



78.7160, -13.1710, -69.0339

Triad

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



94.1050, -46.3938, -6.2311



93.7640, 44.4863, -82.2310



101.9550, 5.4452, 73.7075

Complementary

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



94.1050, -46.3938, -6.2311



21.8950, 46.3938, 6.2311

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.



107.8060, 24.7456, 43.1431



94.1050, -46.3938, -6.2311



89.7180, 54.3690, -78.6827

Square

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



94.1050, -46.3938, -6.2311



91.4210, 27.8934, -80.1762



106.2320, 41.7906, -10.7275



100.5320, -16.5313, 75.8324

Rectangle

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



94.1050, -46.3938, -6.2311



83.4240, -0.2090, -73.1628



106.2320, 41.7906, -10.7275



103.7460, 12.4502, 66.8748

Sweetspot

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



94.1050, -46.3938, -6.2311



141.5810, -18.0344, -2.2635



51.7070, -25.4916, 56.3850



71.7150, -11.1985, -1.5041



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



94.1050, -46.3938, -6.2311



121.8370, -60.0656, -7.7500



76.7630, -37.8442, -41.8882



57.7180, -2.3260, -0.6297



99.1220, -48.8671, -6.2460



202.6630, -99.9129, -13.7365

Inverse Universe

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



21.8950, 46.3938, 6.2311



28.4620, 59.9182, 8.3648



39.2370, 37.8442, 41.8882



53.9830, 2.4734, 0.0149



23.1770, 48.7197, 6.8608



47.0380, 100.0603, 13.1217

Previews

White Background



This preview shows how the YUV color 94.1050, -46.3938, -6.2311 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 94.1050, -46.3938, -6.2311 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

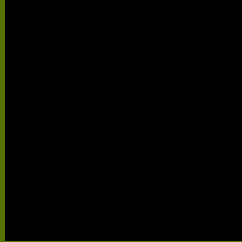
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 94.1050, -46.3938, -6.2311

Background



This preview shows how black text looks on a background with the YUV color 94.1050, -46.3938, -6.2311.



This preview shows how white text looks on a background with the YUV color 94.1050, -46.3938, -6.2311.

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



Protanopia

98.6890, -48.6537, 18.6897

Deuteranopia

101.7470, -39.8083, 28.2859

Tritanopia

105.6230, 5.1159, -7.5624

Trichromacy



Protanomaly

96.8620, -47.7530, 9.7680

Deuteranomaly

98.6870, -42.2437, 16.0605

Tritanomaly

101.4000, -13.5082, -7.3668

Monochromacy



Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

93.9230, -16.7240, -2.5635

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.1050, -46.3938, -6.2311 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(87, 116, 0)` looks like.

```
.text, #text, p{  
    color:rgb(87, 116, 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(87, 116, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 116, 0) }
```

Border

The CSS property to change the border of an element to YUV 94.1050, -46.3938, -6.2311 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(87, 116, 0) }
```

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

```
.border{ border-color:rgb(87, 116, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 116, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 116, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 116, 0);  
box-shadow:4px 4px 4px 4px rgb(87, 116, 0)  
}
```


Background

The CSS property to change the background color of an element to YUV 94.1050, -46.3938, -6.2311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 116, 0) }
```

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

```
.background{ background-color: rgb(87, 116,  
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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