

Converting Colors

YUV(177.5980, -44.6648,
-94.3634)

Have a look what the booklet for
YUV(177.5980, -44.6648, -94.3634)
contains.

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Color

**YUV(177.5980, -44.6648,
-94.3634)**

Conversions

Conversions Part 1

Format	Color
Hex	46FA57
RGB	70, 250, 87
RGB Percent	27%, 98%, 34%
CMY	0.7255, 0.0196, 0.6588
CMYK	0.72, 0.00, 0.65, 0.02
HSL	126°, 95%, 63%
HSV	126°, 72%, 98%
XYZ	38.4317, 70.3614, 20.5724
YIQ	177.5980, -54.9570, -88.8530

Conversions

Conversions Part 2

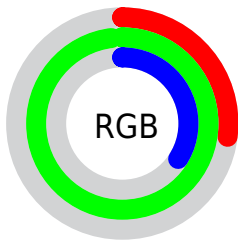
Format	Color
RYB	70, 234, 250
Decimal	4651607
CIELab	87.17, -74.98, 63.12
CIELCh	87, 98.014, 139.909
Yxy	70.3614, 0.2971, 0.5439
Android (android.graphics.Color)	4282841687 (0xFF46FA57)
YUV	177.5980, -44.6648, -94.3634
Hunter-Lab	83.8817, -65.0105, 44.1761

Details

The YUV color **177.5980, -44.6648, -94.3634** is a dark color, and the websafe version is hex **33FF66**. The color can be described as middle washed green. A complement of this color would be **142.4020, 44.6648, 94.3634**, and the grayscale version is **178.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.4450, -32.2644, -58.2723**, and **115.4400, -45.0799, -101.2409** is the 20% darker color. If you saturate the color by 10%, you get **167.5010, -51.0260, -107.4334**, and if you desaturate by 10%, it is **187.6950, -38.3036, -81.2935**.

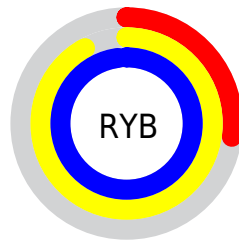
Distribution



Red (27%)

Green (98%)

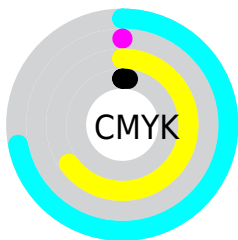
Blue (34%)



Red (27%)

Yellow (92%)

Blue (98%)

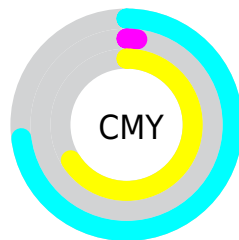


Cyan (72%)

Magenta (0%)

Yellow (65%)

Black (2%)



Cyan (73%)

Magenta (2%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 177.5980, -44.6648, -94.3634 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 177.5980, -44.6648, -94.3634 by changing the saturation by 10% instead.

177.5980,
-44.6648, -94.3634

177.5980,
-44.6648, -94.3634

255.0000, 0.0000,
0.0000

136.3390,
-38.6211, -119.5693

208.4450,
-32.2644, -58.2723

115.4400,
-45.0799, -101.2409

221.2050,
-24.7511, -41.3988

96.2680, -47.4601,
-84.4270

234.0790,
-16.8009, -24.6253

79.8320, -39.3572,
-70.0127

246.6540, -8.7034,
-8.4666

63.9830, -31.5436,
-56.1131

48.7210, -24.0195,
-42.7283

34.6330, -17.0741,

-30.3731

■ 19.3710, -9.5499,
-16.9884

■ 0.0000, 0.0000,
0.0000

■ 177.5980,
-44.6648, -94.3634

■ 177.5980,
-44.6648, -94.3634

■ 167.5010,
-51.0260, -107.4334

■ 187.6950,
-38.3036, -81.2935

■ 157.5180,
-56.9504, -120.6033

■ 197.6780,
-32.3793, -68.1236

■ 149.4860,
-61.8646, -131.0992

■ 207.7750,
-26.0181, -55.0537

■ 217.8720,
-19.6569, -41.9837

■ 227.8550,
-13.7325, -28.8138

■ 237.9520, -7.3713,
-15.7439

■ 247.9350, -1.4470,
-2.5740

■ 252.0650, 1.4470,
2.5740

Harmonies

Analogous

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



196.5820, -96.9149, 4.7516



177.5980, -44.6648, -94.3634



170.5470, 6.1393, -149.5697

Triad

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



177.5980, -44.6648, -94.3634



169.3630, 42.2190, -148.5314



166.8000, -2.8594, 77.3514

Complementary

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



177.5980, -44.6648, -94.3634



142.4020, 44.6648, 94.3634

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.



176.8150, 38.0522, 68.5682



177.5980, -44.6648, -94.3634



193.3360, 30.4004, -44.1447

Square

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



177.5980, -44.6648, -94.3634



178.7550, 37.5888, -156.7681



200.9960, 26.6240, 47.3615



179.7750, -52.1471, 65.9723

Rectangle

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



177.5980, -44.6648, -94.3634



177.9570, 34.5312, -156.0683



200.9960, 26.6240, 47.3615



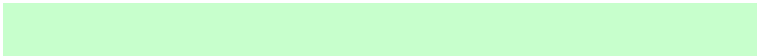
166.2250, 12.7071, 77.8557

Sweetspot

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



177.5980, -44.6648, -94.3634



232.4420, -14.0219, -29.3286



224.9950, -76.4125, 8.7744



114.3000, -8.5289, -17.8031



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



177.5980, -44.6648, -94.3634



166.8330, -54.6407, -114.7405



187.6300, -6.2266, -103.1615



119.8590, -2.8885, -6.8923



112.9950, -46.8325, -99.0966



36.4910, -15.0321, -32.0026

Inverse Universe

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



142.4020, 44.6648, 94.3634



124.0530, 54.2039, 114.8405



132.3700, 6.2266, 103.1615



117.2550, 3.3253, 6.7924



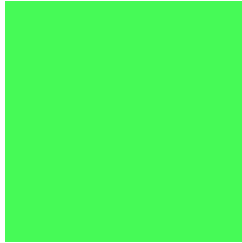
76.0050, 46.8325, 99.0966



24.5090, 15.0321, 32.0026

Previews

White Background



This preview shows how the YUV color 177.5980, -44.6648, -94.3634 looks on a white 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

Black Background



This preview shows how the YUV color 177.5980, -44.6648, -94.3634 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

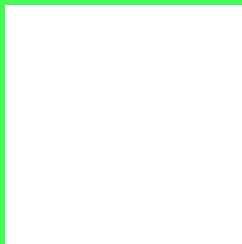
Any Text WCAG AAA ✓ Pass

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

YUV 177.5980, -44.6648, -94.3634 Background



This preview shows how black text looks on a background with the YUV color 177.5980, -44.6648, -94.3634.

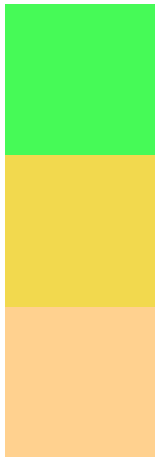


This preview shows how white text looks on a background with the YUV color 177.5980, -44.6648, -94.3634.

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

177.5980, -44.6648, -94.3634

Protanopia

208.6290, -64.4001, 29.2664

Deuteranopia

215.2300, -35.6094, 34.8783



Tritanopia

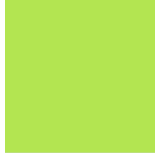
201.7810, 25.2510, -72.5989

Trichromacy



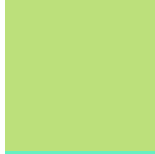
Original Color

177.5980, -44.6648, -94.3634



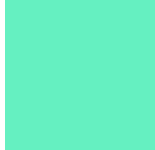
Protanomaly

197.1780, -57.2758, -15.9421



Deuteranomaly

201.7220, -38.8099, -12.0342



Tritanomaly

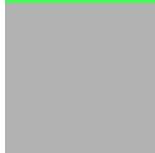
193.0810, -0.0399, -80.7550

Monochromacy



Original Color

177.5980, -44.6648, -94.3634



Achromatopsia

178.0000, 0.0000, 0.0000



Achromatomaly

177.8390, -16.1896, -34.0618

CSS Examples

Text

The CSS property to change the color of the text to YUV 177.5980, -44.6648, -94.3634 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(70, 250, 87)` looks like.

```
.text, #text, p{  
    color:rgb(70, 250, 87)  
}
```

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(70, 250, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 250, 87) }
```

Border

The CSS property to change the border of an element to YUV 177.5980, -44.6648, -94.3634 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(70, 250, 87) }
```


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

```
.border{ border-color:rgb(70, 250, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 250, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 250, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 250, 87);  
box-shadow:4px 4px 4px 4px rgb(70, 250,  
87) }
```

Background

The CSS property to change the background color of an element to YUV 177.5980, -44.6648, -94.3634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 250, 87) }
```

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

```
.background{ background-color: rgb(70, 250,  
87) }
```

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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