

Converting Colors

YUV(118.2930, -24.7944,
-27.4440)

Have a look what the booklet for
YUV(118.2930, -24.7944, -27.4440)
contains.

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Color

**YUV(118.2930, -24.7944,
-27.4440)**

Conversions

Conversions Part 1

Format	Color
Hex	579044
RGB	87, 144, 68
RGB Percent	34%, 56%, 27%
CMY	0.6588, 0.4353, 0.7333
CMYK	0.40, 0.00, 0.53, 0.44
HSL	105°, 36%, 42%
HSV	105°, 53%, 56%
XYZ	14.9471, 22.3901, 9.0028
YIQ	118.2930, -9.5760, -35.7200

Conversions

Conversions Part 2

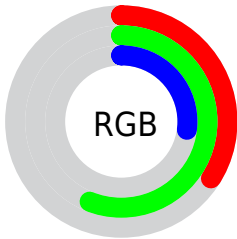
Format	Color
RYB	68, 144, 125
Decimal	5738564
CIELab	54.44, -33.73, 34.32
CIELCh	54, 48.118, 134.508
Yxy	22.3901, 0.3226, 0.4832
Android (android.graphics.Color)	4283928644 (0xFF579044)
YUV	118.2930, -24.7944, -27.4440
Hunter-Lab	47.3182, -26.4213, 21.8422

Details

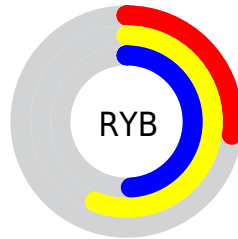
The YUV color **118.2930, -24.7944, -27.4440** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **93.7070, 24.7944, 27.4440**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.5380, -26.3942, -27.6588**, and **67.3360, -23.3366, -28.3587** is the 20% darker color. If you saturate the color by 10%, you get **113.4080, -29.2881, -32.8068**, and if you desaturate by 10%, it is **123.1780, -20.3008, -22.0811**.

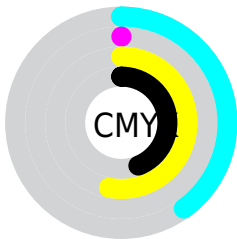
Distribution



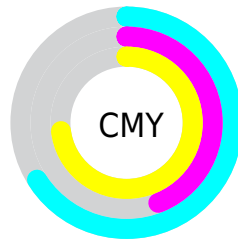
- Red (34%)
- Green (56%)
- Blue (27%)



- Red (27%)
- Yellow (56%)
- Blue (49%)



- Cyan (40%)
- Magenta (0%)
- Yellow (53%)
- Black (44%)



- Cyan (66%)
- Magenta (44%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.2930, -24.7944, -27.4440 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 118.2930, -24.7944, -27.4440 by changing the saturation by 10% instead.

■ 118.2930,
-24.7944, -27.4440

■ 118.2930,
-24.7944, -27.4440

■ 255.0000, 0.0000,
0.0000

■ 92.5210, -23.9209,
-27.6439

■ 171.5380,
-26.3942, -27.6588

■ 67.3360, -23.3366,
-28.3587

■ 199.0110,
-27.1204, -28.0736

■ 41.1010, -20.2628,
-34.2916

■ 227.4840,
-27.8466, -28.4885

■ 27.0020, -13.3120,
-23.6808

■ 239.3470,
-19.8911, -13.4593

■ 14.0880, -6.9454,
-12.3552

■ 251.2100,
-11.9355, 1.5698

■ 0.0000, 0.0000,
0.0000

■ 118.2930,
-24.7944, -27.4440

■ 118.2930,
-24.7944, -27.4440

■ 113.4080,
-29.2881, -32.8068

■ 123.1780,
-20.3008, -22.0811

■ 108.4090,
-34.2186, -38.0697

■ 128.1770,
-15.3703, -16.8182

■ 103.8230,
-38.8597, -42.8178

■ 132.7630,
-10.7292, -12.0702

■ 98.8240, -43.7902,
-48.0806

■ 137.7620, -5.7987,
-6.8073

■ 95.2920, -46.9790,
-51.9991

■ 142.6470, -1.3050,
-1.4444

■ 147.5320, 3.1887,
3.9184

■ 152.5310, 8.1192,
9.1813

■ 157.1170, 12.7603,

13.9294

■ 162.1160, 17.6908,
19.1923

Harmonies

Analogous

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



123.7400, -39.3118, 8.9980



118.2930, -24.7944, -27.4440



99.6610, 3.6181, -87.4027

Triad

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



118.2930, -24.7944, -27.4440



106.7070, 50.9234, -93.5820



129.8390, -8.7946, 67.6702

Complementary

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



118.2930, -24.7944, -27.4440



93.7070, 24.7944, 27.4440

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.



132.2130, 10.7410, 55.0642



118.2930, -24.7944, -27.4440



126.9970, 41.4135, -29.8154

Square

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



118.2930, -24.7944, -27.4440



108.3080, 39.2882, -94.9861



134.3580, 27.4315, 21.6110



128.3870, -26.8128, 60.1736

Rectangle

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



118.2930, -24.7944, -27.4440



104.0270, 15.2697, -91.2317



134.3580, 27.4315, 21.6110



130.5490, -2.2427, 66.1705

Sweetspot

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



118.2930, -24.7944, -27.4440



176.0020, -9.8610, -10.5258



124.1830, -27.6982, 17.3795



88.0610, -5.9461, -6.1925



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



118.2930, -24.7944, -27.4440



146.3500, -38.1335, -42.4029



114.7780, -13.6946, -41.0243



68.7070, -2.3206, -2.3740



89.4110, -44.0796, -48.5954



5.2940, -2.6099, -2.8888

Inverse Universe

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



93.7070, 24.7944, 27.4440



108.6500, 38.1335, 42.4029



97.2220, 13.6946, 41.0243



66.5920, 2.1731, 2.9888



45.5890, 44.0796, 48.5954



2.7060, 2.6099, 2.8888

Previews

White Background



This preview shows how the YUV color 118.2930, -24.7944, -27.4440 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



This preview shows how the YUV color 118.2930, -24.7944, -27.4440 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 × Fail

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

YUV 118.2930, -24.7944, -27.4440 Background



This preview shows how black text looks on a background with the YUV color 118.2930, -24.7944, -27.4440.



This preview shows how white text looks on a background with the YUV color 118.2930, -24.7944, -27.4440.

-27.4440.

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

118.2930, -24.7944, -27.4440

Protanopia

126.2490, -31.1818, 14.6906

Deuteranopia

128.3520, -27.2885, 26.0013



Tritanopia

126.6750, 9.5272, -22.5170

Trichromacy



Original Color

118.2930, -24.7944, -27.4440

Protanomaly

123.4320, -28.8070, -0.3789

Deuteranomaly

124.4590, -26.3553, 6.6135

Tritanomaly

123.7490, -2.8343, -24.3359

Monochromacy



Original Color

118.2930, -24.7944, -27.4440

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

117.9420, -8.8454, -9.5961

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.2930, -24.7944, -27.4440 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, 144, 68)` looks like.

```
.text, #text, p{  
    color:rgb(87, 144, 68)  
}
```

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, 144, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 144, 68) }
```

Border

The CSS property to change the border of an element to YUV 118.2930, -24.7944, -27.4440 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, 144, 68) }
```


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

```
.border{ border-color:rgb(87, 144, 68) }
```

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

Here you see how a box with a 4 pixel rgb(87, 144, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 144, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 144, 68);  
box-shadow:4px 4px 4px 4px rgb(87, 144,  
68) }
```

Background

The CSS property to change the background color of an element to YUV 118.2930, -24.7944, -27.4440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 144, 68) }
```

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

```
.background{ background-color: rgb(87, 144,  
68) }
```

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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