

Converting Colors

YUV(132.6570, -26.9459,
-37.4102)

Have a look what the booklet for
YUV(132.6570, -26.9459, -37.4102)
contains.

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Color

**YUV(132.6570, -26.9459,
-37.4102)**

Conversions

Conversions Part 1

Format	Color
Hex	5AA54E
RGB	90, 165, 78
RGB Percent	35%, 65%, 31%
CMY	0.6471, 0.3529, 0.6941
CMYK	0.45, 0.00, 0.53, 0.35
HSL	112°, 36%, 48%
HSV	112°, 53%, 65%
XYZ	19.0467, 29.6340, 11.9238
YIQ	132.6570, -16.7730, -42.9570

Conversions

Conversions Part 2

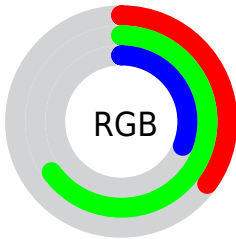
Format	Color
RYB	78, 165, 153
Decimal	5940558
CIELab	61.34, -40.76, 37.65
CIELCh	61, 55.488, 137.266
Yxy	29.6340, 0.3143, 0.4890
Android (android.graphics.Color)	4284130638 (0xFF5AA54E)
YUV	132.6570, -26.9459, -37.4102
Hunter-Lab	54.4371, -32.8105, 25.1192

Details

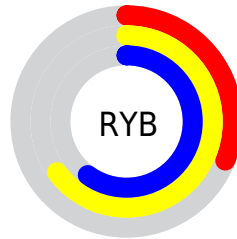
The YUV color **132.6570, -26.9459, -37.4102** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **110.3430, 26.9459, 37.4102**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.7880, -28.9825, -37.5251**, and **78.9170, -24.6091, -40.2692** is the 20% darker color. If you saturate the color by 10%, you get **126.6470, -31.8710, -44.4174**, and if you desaturate by 10%, it is **138.6670, -22.0208, -30.4030**.

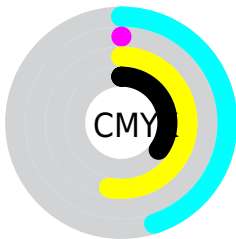
Distribution



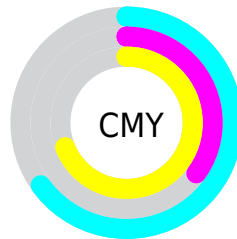
- Red (35%)
- Green (65%)
- Blue (31%)



- Red (31%)
- Yellow (65%)
- Blue (60%)



- Cyan (45%)
- Magenta (0%)
- Yellow (53%)
- Black (35%)



- Cyan (65%)
- Magenta (35%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 132.6570, -26.9459, -37.4102 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 132.6570, -26.9459, -37.4102 by changing the saturation by 10% instead.

■ 132.6570,
-26.9459, -37.4102

■ 132.6570,
-26.9459, -37.4102

■ 255.0000, 0.0000,
0.0000

■ 105.8850,
-26.0723, -37.6101

■ 187.7880,
-28.9825, -37.5251

■ 78.9170, -24.6091,
-40.2692

■ 215.6740,
-29.4193, -37.4251

■ 51.1830, -24.7402,
-44.8875

■ 230.6460,
-23.4895, -25.9995

■ 36.9810, -18.2316,
-32.4323

■ 242.5090,
-15.5339, -10.9704

■ 24.0670, -11.8650,
-21.1068

■ 253.2900, -6.5520,
1.4997

■ 5.2830, -2.6045,
-4.6332

■ 0.0000, 0.0000,

0.0000

■ 132.6570,
-26.9459, -37.4102

■ 132.6570,
-26.9459, -37.4102

■ 126.6470,
-31.8710, -44.4174

■ 138.6670,
-22.0208, -30.4030

■ 120.5230,
-37.2328, -51.3247

■ 144.7910,
-16.6590, -23.4957

■ 114.2140,
-42.0105, -58.9467

■ 151.2140,
-11.4445, -15.9737

■ 108.0900,
-47.3724, -65.8539

■ 157.2240, -6.5194,
-8.9664

■ 103.7320,
-51.1399, -70.8020

■ 163.3480, -1.1576,
-2.0592

■ 169.3580, 3.7675,
4.9480

■ 175.7810, 8.9820,
12.4701

■ 181.7910, 13.9070,
19.4773

■ 187.9150, 19.2689,
26.3845

Harmonies

Analogous

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



139.5950, -46.1423, 6.4942



132.6570, -26.9459, -37.4102



114.6270, 5.1139, -100.5279

Triad

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



132.6570, -26.9459, -37.4102



121.7360, 60.2762, -106.7625



146.7050, -12.1796, 80.0657

Complementary

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



132.6570, -26.9459, -37.4102



110.3430, 26.9459, 37.4102

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.



149.5890, 10.5556, 67.8894



132.6570, -26.9459, -37.4102



145.3050, 47.6706, -30.0855

Square

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



132.6570, -26.9459, -37.4102



124.1690, 46.7517, -108.8962



152.6240, 30.7514, 30.1478



145.7210, -33.3865, 68.6507

Rectangle

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



132.6570, -26.9459, -37.4102



119.0900, 19.6756, -104.4419



152.6240, 30.7514, 30.1478



147.3550, -4.6120, 79.4957

Sweetspot

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



132.6570, -26.9459, -37.4102



201.4530, -10.5763, -14.4293



147.4510, -34.2393, 15.3905



99.6370, -6.2300, -8.4516



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



132.6570, -26.9459, -37.4102



163.9260, -41.8685, -57.8171



132.4890, -12.0731, -47.7869



78.8810, -2.8993, -3.4036



91.0950, -44.9098, -62.3503



11.1640, -5.5039, -8.0368

Inverse Universe

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



110.3430, 26.9459, 37.4102



129.3730, 41.7211, 58.4319



110.5110, 12.0731, 47.7869



76.1190, 2.8993, 3.4036



53.9050, 44.9098, 62.3503



6.5370, 5.6513, 7.4221

Previews

White Background



This preview shows how the YUV color 132.6570, -26.9459, -37.4102 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 132.6570, -26.9459, -37.4102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

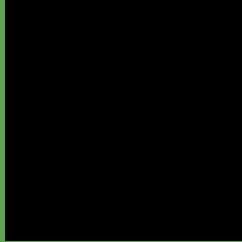
Any Text WCAG AA ✓ Pass

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 132.6570, -26.9459, -37.4102 Background



This preview shows how black text looks on a background with the YUV color 132.6570, -26.9459, -37.4102.



This preview shows how white text looks on a background with the YUV color 132.6570, -26.9459, -37.4102.

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

132.6570, -26.9459, -37.4102

Protanopia

143.2340, -35.1184, 17.3348

Deuteranopia

145.2770, -30.2096, 29.5751



Tritanopia

142.1300, 12.7539, -30.8090

Trichromacy



Original Color

132.6570, -26.9459, -37.4102

Protanomaly

139.4980, -32.2905, -3.0677

Deuteranomaly

140.7640, -28.9707, 5.4690

Tritanomaly

138.9220, -1.9335, -33.2576

Monochromacy



Original Color

132.6570, -26.9459, -37.4102

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

132.9800, -9.8501, -14.0145

CSS Examples

Text

The CSS property to change the color of the text to YUV 132.6570, -26.9459, -37.4102 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(90, 165, 78)` looks like.

```
.text, #text, p{  
    color:rgb(90, 165, 78)  
}
```

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(90, 165, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 165, 78) }
```

Border

The CSS property to change the border of an element to YUV 132.6570, -26.9459, -37.4102 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(90, 165, 78) }
```


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

```
.border{ border-color:rgb(90, 165, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 165, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 165, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 165, 78);  
box-shadow:4px 4px 4px 4px rgb(90, 165,  
78) }
```

Background

The CSS property to change the background color of an element to YUV 132.6570, -26.9459, -37.4102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 165, 78) }
```

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

```
.background{ background-color: rgb(90, 165,  
78) }
```

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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