

Converting Colors

YUV(112.5570, -8.6556,
-70.6485)

Have a look what the booklet for
YUV(112.5570, -8.6556, -70.6485)
contains.

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Color

**YUV(112.5570, -8.6556,
-70.6485)**

Conversions

Conversions Part 1

Format	Color
Hex	209D5F
RGB	32, 157, 95
RGB Percent	13%, 62%, 37%
CMY	0.8745, 0.3843, 0.6275
CMYK	0.80, 0.00, 0.39, 0.38
HSL	150°, 66%, 37%
HSV	150°, 80%, 62%
XYZ	14.7182, 25.2472, 14.9239
YIQ	112.5570, -54.5980, -45.7820

Conversions

Conversions Part 2

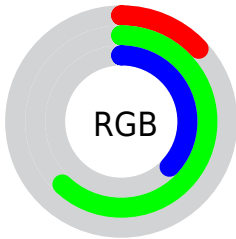
Format	Color
RYB	32, 115, 157
Decimal	2137439
CIELab	57.32, -47.52, 23.29
CIELCh	57, 52.916, 153.891
Yxy	25.2472, 0.2681, 0.4600
Android (android.graphics.Color)	4280327519 (0xFF209D5F)
YUV	112.5570, -8.6556, -70.6485
Hunter-Lab	50.2466, -35.6456, 17.5627

Details

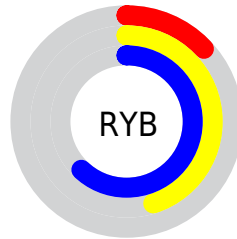
The YUV color **112.5570, -8.6556, -70.6485** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **76.4430, 8.6556, 70.6485**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.9770, -12.3137, -64.0008**, and **66.5200, -9.1304, -58.3380** is the 20% darker color. If you saturate the color by 10%, you get **106.8610, -9.7915, -79.6851**, and if you desaturate by 10%, it is **118.2530, -7.5197, -61.6119**.

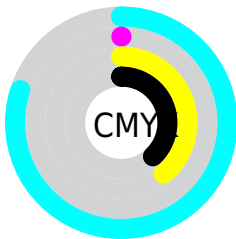
Distribution



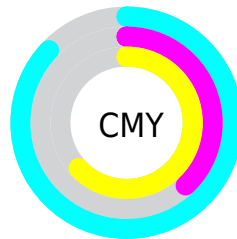
- Red (13%)
- Green (62%)
- Blue (37%)



- Red (13%)
- Yellow (45%)
- Blue (62%)



- Cyan (80%)
- Magenta (0%)
- Yellow (39%)
- Black (38%)



- Cyan (87%)
- Magenta (38%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.5570, -8.6556, -70.6485 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 112.5570, -8.6556, -70.6485 by changing the saturation by 10% instead.

■ 112.5570, -8.6556,
-70.6485

■ 112.5570, -8.6556,
-70.6485

255.0000, 0.0000,
0.0000

■ 84.4040, -6.6082,
-74.0223

■ 170.9770,
-12.3137, -64.0008

■ 66.5200, -9.1304,
-58.3380

■ 199.1620,
-12.8979, -63.2861

■ 49.3370, -11.5051,
-43.2685

■ 219.1290, -9.4306,
-55.3641

■ 32.3990, -15.4797,
-28.4139

■ 230.9920, -1.4751,
-40.3350

■ 19.3710, -9.5499,
-16.9884

■ 243.0400, 5.8963,
-24.5911

■ 0.0000, 0.0000,
0.0000

■ 252.0100, 1.4741,

-6.1478

■ 112.5570, -8.6556,
-70.6485

■ 112.5570, -8.6556,
-70.6485

■ 106.8610, -9.7915,
-79.6851

■ 118.2530, -7.5197,
-61.6119

■ 101.4640,
-11.0748, -88.1069

■ 123.6500, -6.2364,
-53.1900

■ 101.1650,
-10.9273, -88.7217

■ 129.2320, -5.5374,
-44.0535

■ 134.9280, -4.4015,
-35.0169

■ 140.6240, -3.2656,
-25.9802

■ 146.0210, -1.9824,
-17.5584

■ 151.7170, -0.8465,
-8.5218

■ 157.2990, -0.1474,
0.6148

■ 162.6960, 1.1359,
9.0366

Harmonies

Analogous

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



127.0250, -35.0153, -15.8079



112.5570, -8.6556, -70.6485



110.1080, 15.7228, -96.5647

Triad

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



112.5570, -8.6556, -70.6485



122.4420, 53.0261, -67.9166



135.7890, -23.0670, 72.0990

Complementary

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



112.5570, -8.6556, -70.6485



76.4430, 8.6556, 70.6485

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.



137.0060, -1.9750, 73.6627



112.5570, -8.6556, -70.6485



140.6640, 36.6476, 5.5567

Square

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



112.5570, -8.6556, -70.6485



114.8910, 51.8187, -100.7594



140.9550, 18.7562, 50.9055



134.4880, -40.1736, 52.1920

Rectangle

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



112.5570, -8.6556, -70.6485



113.7560, 29.7003, -99.7640



140.9550, 18.7562, 50.9055



135.9340, -16.2365, 74.6029

Sweetspot

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



112.5570, -8.6556, -70.6485



186.6130, -3.2602, -27.7246



124.2120, -45.4605, -25.6189



91.3200, -2.1298, -16.9436



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



112.5570, -8.6556, -70.6485



134.3380, -13.4776, -110.7984



119.6250, 18.4259, -76.8471



76.1520, -0.5679, -4.5183



92.1490, -9.9335, -80.8147



9.7170, -0.8465, -8.5218

Inverse Universe

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



76.4430, 8.6556, 70.6485



77.6620, 13.4776, 110.7984



69.3750, -18.4259, 76.8471



73.8480, 0.5679, 4.5183



50.8510, 9.9335, 80.8147



5.3970, 1.2833, 8.4218

Previews

White Background



This preview shows how the YUV color 112.5570, -8.6556, -70.6485 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 112.5570, -8.6556, -70.6485 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 112.5570, -8.6556, -70.6485 Background



This preview shows how black text looks on a background with the YUV color 112.5570, -8.6556, -70.6485.



This preview shows how white text looks on a background with the YUV color 112.5570, -8.6556, -70.6485.

-70.6485.

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

112.5570, -8.6556, -70.6485

Protanopia

134.8880, -23.6088, 12.3762

Deuteranopia

136.5500, -17.5261, 21.4427



Tritanopia

124.9530, 17.7712, -53.4558

Trichromacy



Original Color

112.5570, -8.6556, -70.6485

Protanomaly

126.4820, -17.9856, -17.9627

Deuteranomaly

127.5520, -14.0761, -11.8851

Tritanomaly

120.3900, 8.1887, -59.9780

Monochromacy



Original Color

112.5570, -8.6556, -70.6485

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

112.9230, -3.4130, -25.3655

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.5570, -8.6556, -70.6485 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(32, 157, 95)` looks like.

```
.text, #text, p{  
    color:rgb(32, 157, 95)  
}
```

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(32, 157, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 157, 95) }
```

Border

The CSS property to change the border of an element to YUV 112.5570, -8.6556, -70.6485 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(32, 157, 95) }
```


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

```
.border{ border-color:rgb(32, 157, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 157, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 157, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 157, 95);  
box-shadow:4px 4px 4px 4px rgb(32, 157,  
95) }
```

Background

The CSS property to change the background color of an element to YUV 112.5570, -8.6556, -70.6485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 157, 95) }
```

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

```
.background{ background-color: rgb(32, 157,  
95) }
```

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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