

Converting Colors

YUV(135.5480, -11.6092,
-56.6086)

Have a look what the booklet for
YUV(135.5480, -11.6092, -56.6086)
contains.

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Color

**YUV(135.5480, -11.6092,
-56.6086)**

Conversions

Conversions Part 1

Format	Color
Hex	47AD70
RGB	71, 173, 112
RGB Percent	28%, 68%, 44%
CMY	0.7216, 0.3216, 0.5608
CMYK	0.59, 0.00, 0.35, 0.32
HSL	144°, 42%, 48%
HSV	144°, 59%, 68%
XYZ	20.4667, 32.3966, 20.5037
YIQ	135.5480, -41.2110, -40.5950

Conversions

Conversions Part 2

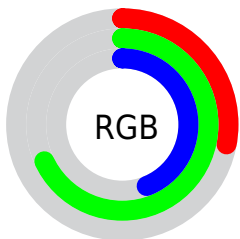
Format	Color
RYB	71, 144, 173
Decimal	4697456
CIELab	63.67, -43.71, 22.72
CIELCh	64, 49.266, 152.531
Yxy	32.3966, 0.2790, 0.4416
Android (android.graphics.Color)	4282887536 (0xFF47AD70)
YUV	135.5480, -11.6092, -56.6086
Hunter-Lab	56.9180, -35.4210, 18.4844

Details

The YUV color **135.5480, -11.6092, -56.6086** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **108.4520, 11.6092, 56.6086**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.3910, -13.5038, -55.5939**, and **77.6220, -7.2086, -68.0745** is the 20% darker color. If you saturate the color by 10%, you get **129.3250, -13.4712, -66.0600**, and if you desaturate by 10%, it is **141.7710, -9.7471, -47.1572**.

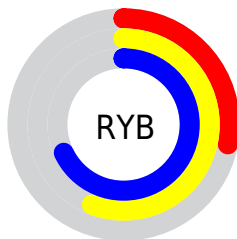
Distribution



Red (28%)

Green (68%)

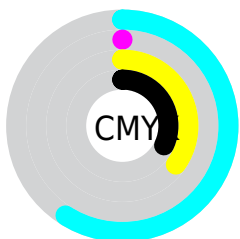
Blue (44%)



Red (28%)

Yellow (56%)

Blue (68%)

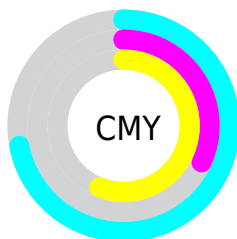


Cyan (59%)

Magenta (0%)

Yellow (35%)

Black (32%)



Cyan (72%)

Magenta (32%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.5480, -11.6092, -56.6086 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 135.5480, -11.6092, -56.6086 by changing the saturation by 10% instead.

■ 135.5480,
-11.6092, -56.6086

■ 135.5480,
-11.6092, -56.6086

■ 255.0000, 0.0000,
0.0000

■ 107.2810, -9.9985,
-59.8824

■ 191.3910,
-13.5038, -55.5939

■ 77.6220, -7.2086,
-68.0745

■ 218.1030,
-13.3618, -54.4643

■ 59.8520, -9.2940,
-52.4902

■ 229.9660, -5.4062,
-39.4352

■ 42.6690, -11.6688,
-37.4207

■ 241.9430, 2.9861,
-24.5060

■ 27.0020, -13.3120,
-23.6808

■ 251.7110, 1.6215,
-6.7625

■ 12.3270, -6.0772,
-10.8108

■ 0.0000, 0.0000,

0.0000

■ 135.5480,
-11.6092, -56.6086

■ 135.5480,
-11.6092, -56.6086

■ 129.3250,
-13.4712, -66.0600

■ 141.7710, -9.7471,
-47.1572

■ 122.6890,
-15.6227, -76.0263

■ 148.4070, -7.5957,
-37.1909

■ 116.4660,
-17.4847, -85.4777

■ 154.6300, -5.7336,
-27.7395

■ 110.2430,
-19.3468, -94.9291

■ 160.8530, -3.8715,
-18.2881

■ 109.5310,
-19.4888, -96.0587

■ 167.4890, -1.7201,
-8.3219

■ 173.7120, 0.1420,
1.1296

■ 179.9350, 2.0040,
10.5810

■ 186.2720, 4.3029,
19.9325

■ 192.7940, 6.0176,
29.9987

Harmonies

Analogous

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



144.8020, -33.4264, -12.1044



135.5480, -11.6092, -56.6086



121.2100, 17.6445, -106.3012

Triad

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



135.5480, -11.6092, -56.6086



143.9550, 48.3362, -56.9655



153.7070, -22.0406, 69.5400

Complementary

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



135.5480, -11.6092, -56.6086



108.4520, 11.6092, 56.6086

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.



155.3860, -1.6693, 68.9445



135.5480, -11.6092, -56.6086



157.1970, 34.9059, 4.2122

Square

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



135.5480, -11.6092, -56.6086



125.5370, 51.9933, -110.0959



158.6940, 17.8989, 45.8724



152.4710, -37.7002, 52.2069

Rectangle

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



135.5480, -11.6092, -56.6086



124.5160, 30.3116, -109.2005



158.6940, 17.8989, 45.8724



154.4390, -15.4994, 71.5290

Sweetspot

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



135.5480, -11.6092, -56.6086



209.3040, -4.5869, -22.1916



149.1130, -38.5097, -15.0081



103.1140, -3.0142, -13.2550



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



135.5480, -11.6092, -56.6086



165.6290, -18.0581, -88.2516



141.3620, 10.6675, -61.7075



83.7390, -0.8573, -5.0331



94.8900, -17.2008, -83.2185



14.5270, -2.7248, -12.7402

Inverse Universe

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



108.4520, 11.6092, 56.6086



123.3710, 18.0581, 88.2516



102.6380, -10.6675, 61.7075



81.2610, 0.8573, 5.0331



55.1100, 17.2008, 83.2185



8.4730, 2.7248, 12.7402

Previews

White Background



This preview shows how the YUV color 135.5480, -11.6092, -56.6086 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 135.5480, -11.6092, -56.6086 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

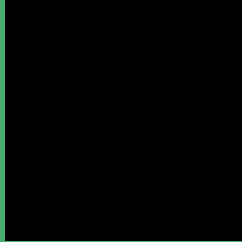
Any Text WCAG AA ✓ Pass

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 135.5480, -11.6092, -56.6086 Background



This preview shows how black text looks on a background with the YUV color 135.5480, -11.6092, -56.6086.



This preview shows how white text looks on a background with the YUV color 135.5480, -11.6092, -56.6086.

-56.6086.

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

135.5480, -11.6092, -56.6086

Protanopia

151.3010, -23.3194, 12.8910

Deuteranopia

153.5610, -17.5316, 23.1870



Tritanopia

144.3560, 16.5865, -46.7932

Trichromacy



Original Color

135.5480, -11.6092, -56.6086

Protanomaly

145.2870, -18.8755, -12.5297

Deuteranomaly

146.6560, -15.1134, -5.8373

Tritanomaly

141.2880, 6.2670, -50.2416

Monochromacy



Original Color

135.5480, -11.6092, -56.6086

Achromatopsia

136.0000, 0.0000, 0.0000

Achromatomaly

135.4290, -4.1555, -20.5472

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.5480, -11.6092, -56.6086 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(71, 173, 112)` looks like.

```
.text, #text, p{  
    color:rgb(71, 173, 112)  
}
```

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(71, 173, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 173, 112) }
```

Border

The CSS property to change the border of an element to YUV 135.5480, -11.6092, -56.6086 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(71, 173, 112) }
```


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

```
.border{ border-color:rgb(71, 173, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 173, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 173, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 173, 112);  
box-shadow:4px 4px 4px 4px rgb(71, 173,  
112) }
```

Background

The CSS property to change the background color of an element to YUV 135.5480, -11.6092, -56.6086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 173, 112) }
```

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

```
.background{ background-color: rgb(71, 173,  
112) }
```

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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