

Converting Colors

YUV(135.4350, -10.0745,
-35.4615)

Have a look what the booklet for
YUV(135.4350, -10.0745, -35.4615)
contains.

YUV(135.4350, -10.0745, -35.4615)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(135.4350, -10.0745,
-35.4615)**

Conversions

Conversions Part 1

Format	Color
Hex	5FA073
RGB	95, 160, 115
RGB Percent	37%, 63%, 45%
CMY	0.6275, 0.3725, 0.5490
CMYK	0.41, 0.00, 0.28, 0.37
HSL	138°, 25%, 50%
HSV	138°, 41%, 63%
XYZ	20.3846, 28.8123, 20.7066
YIQ	135.4350, -24.2950, -27.7750

Conversions

Conversions Part 2

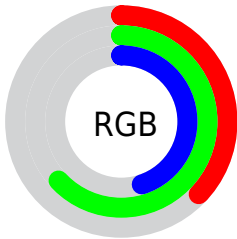
Format	Color
R_{YB}	95, 145, 160
Decimal	6266995
CIE _{Lab}	60.62, -30.95, 17.08
CIE _{LCh}	61, 35.352, 151.103
Yxy	28.8123, 0.2916, 0.4122
Android (android.graphics.Color)	4284457075 (0xFF5FA073)
YUV	135.4350, -10.0745, -35.4615
Hunter-Lab	53.6771, -26.1470, 14.7021

Details

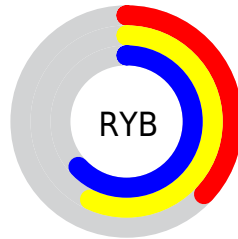
The YUV color $135.4350, -10.0745, -35.4615$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $119.5650, 10.0745, 35.4615$, and the grayscale version is $136.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $189.4950, -11.0900, -36.3911$, and $83.8910, -8.3273, -35.8614$ is the 20% darker color. If you saturate the color by 10%, you get $129.3970, -12.5207, -44.1982$, and if you desaturate by 10%, it is $141.4730, -7.6282, -26.7248$.

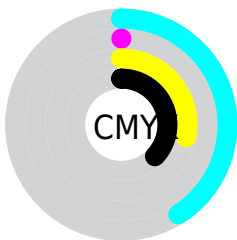
Distribution



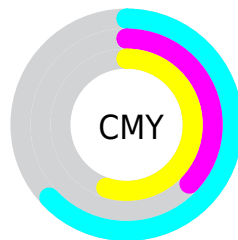
- Red (37%)
- Green (63%)
- Blue (45%)



- Red (37%)
- Yellow (57%)
- Blue (63%)



- Cyan (41%)
- Magenta (0%)
- Yellow (28%)
- Black (37%)



- Cyan (63%)
- Magenta (37%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.4350, -10.0745, -35.4615 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 135.4350, -10.0745, -35.4615 by changing the saturation by 10% instead.

■ 135.4350,
-10.0745, -35.4615

■ 135.4350,
-10.0745, -35.4615

■ 255.0000, 0.0000,
0.0000

■ 109.5490, -9.6377,
-35.5615

■ 189.4950,
-11.0900, -36.3911

■ 83.8910, -8.3273,
-35.8614

■ 217.9680,
-11.8162, -36.8059

■ 57.6240, -6.7166,
-39.1352

■ 235.9890, -6.8966,
-28.0544

■ 37.8420, -7.3171,
-33.1874

■ 247.6670, 1.6432,
-13.7400

■ 22.3060, -10.9969,
-19.5624

■ 2.3480, -1.1576,
-2.0592

■ 0.0000, 0.0000,

0.0000

■ 135.4350,
-10.0745, -35.4615

■ 135.4350,
-10.0745, -35.4615

■ 129.3970,
-12.5207, -44.1982

■ 141.4730, -7.6282,
-26.7248

■ 123.3590,
-14.9670, -52.9348

■ 147.5110, -5.1819,
-17.9881

■ 117.3210,
-17.4133, -61.6715

■ 153.5490, -2.7357,
-9.2515

■ 111.2830,
-19.8595, -70.4082

■ 159.5870, -0.2894,
-0.5148

■ 105.2450,
-22.3058, -79.1449

■ 165.6250, 2.1569,
8.2219

■ 99.5060, -24.8995,
-87.2668

■ 171.6630, 4.6031,
16.9585

■ 177.8150, 7.4862,
25.5952

■ 183.8530, 9.9325,
34.3319

■ 189.8910, 12.3787,
43.0686

Harmonies

Analogous

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



140.6530, -23.9859, -6.7117



135.4350, -10.0745, -35.4615



126.9760, 9.3788, -68.3850

Triad

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



135.4350, -10.0745, -35.4615



141.3740, 32.8466, -35.4080



147.8940, -15.7237, 50.0820

Complementary

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



135.4350, -10.0745, -35.4615



119.5650, 10.0745, 35.4615

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.



149.2540, -1.6042, 48.0122



135.4350, -10.0745, -35.4615



148.9550, 25.1652, 1.7935

Square

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



135.4350, -10.0745, -35.4615



126.3210, 36.3237, -77.4575



150.3410, 13.1429, 31.2729



146.2550, -26.7477, 39.2414

Rectangle

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



135.4350, -10.0745, -35.4615



114.8330, 26.2113, -100.7085



150.3410, 13.1429, 31.2729



148.3440, -11.5086, 51.4413

Sweetspot

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



135.4350, -10.0745, -35.4615



199.5870, -3.7404, -13.6698



146.9090, -25.5911, -5.1822



99.2610, -2.5937, -8.1219



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



135.4350, -10.0745, -35.4615



170.4080, -15.9771, -55.6088



139.0830, 3.9031, -38.6608



76.0380, -1.0047, -4.4183



88.9570, -22.1638, -78.0153



9.3750, -2.1569, -8.2219

Inverse Universe

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



119.5650, 10.0745, 35.4615



145.5920, 15.9771, 55.6088



115.9170, -3.9031, 38.6608



74.0760, 1.4415, 4.3183



54.0430, 22.1638, 78.0153



5.7390, 2.5937, 8.1219

Previews

White Background



This preview shows how the YUV color 135.4350, -10.0745, -35.4615 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 135.4350, -10.0745, -35.4615 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

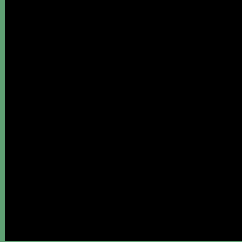
Any Text WCAG AA ✓ Pass

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 135.4350, -10.0745, -35.4615 Background



This preview shows how black text looks on a background with the YUV color 135.4350, -10.0745, -35.4615.



This preview shows how white text looks on a background with the YUV color 135.4350, -10.0745, -35.4615.

-35.4615.

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

135.4350, -10.0745, -35.4615

Protanopia

144.0710, -17.7830, 10.4617

Deuteranopia

146.2770, -13.4476, 19.9281



Tritanopia

140.4290, 12.6065, -30.1942

Trichromacy



Original Color

135.4350, -10.0745, -35.4615

Protanomaly

140.7700, -14.6766, -5.9373

Deuteranomaly

142.1990, -11.9301, -0.1745

Tritanomaly

138.8280, 4.0288, -32.2982

Monochromacy



Original Color

135.4350, -10.0745, -35.4615

Achromatopsia

135.0000, 0.0000, 0.0000

Achromatomaly

135.0000, -3.4510, -13.1550

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.4350, -10.0745, -35.4615 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(95, 160, 115)` looks like.

```
.text, #text, p{  
    color:rgb(95, 160, 115)  
}
```

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(95, 160, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 160, 115) }
```

Border

The CSS property to change the border of an element to YUV 135.4350, -10.0745, -35.4615 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(95, 160, 115) }
```


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

```
.border{ border-color:rgb(95, 160, 115) }
```

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

Here you see how a box with a 4 pixel rgb(95, 160, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 160, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 160, 115);  
box-shadow:4px 4px 4px 4px rgb(95, 160,  
115) }
```

Background

The CSS property to change the background color of an element to YUV 135.4350, -10.0745, -35.4615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 160, 115) }
```

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

```
.background{ background-color: rgb(95, 160,  
115) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor