

Converting Colors

YUV(135.4780, -15.5187,
-62.6862)

Have a look what the booklet for
YUV(135.4780, -15.5187, -62.6862)
contains.

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Color

**YUV(135.4780, -15.5187,
-62.6862)**

Conversions

Conversions Part 1

Format	Color
Hex	40B268
RGB	64, 178, 104
RGB Percent	25%, 70%, 41%
CMY	0.7490, 0.3020, 0.5922
CMYK	0.64, 0.00, 0.42, 0.30
HSL	141°, 47%, 47%
HSV	141°, 64%, 70%
XYZ	20.5334, 33.9303, 18.5637
YIQ	135.4780, -44.1900, -47.1820

Conversions

Conversions Part 2

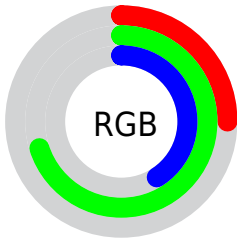
Format	Color
RYB	64, 148, 178
Decimal	4239976
CIELab	64.91, -48.72, 28.60
CIELCh	65, 56.493, 149.591
Yxy	33.9303, 0.2812, 0.4646
Android (android.graphics.Color)	4282430056 (0xFF40B268)
YUV	135.4780, -15.5187, -62.6862
Hunter-Lab	58.2497, -39.0144, 21.8796

Details

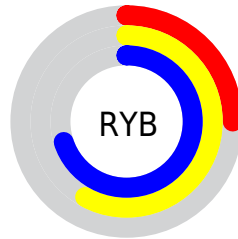
The YUV color **135.4780, -15.5187, -62.6862** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **106.5220, 15.5187, 62.6862**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.5060, -17.9975, -60.9568**, and **79.0580, -11.8606, -69.3339** is the 20% darker color. If you saturate the color by 10%, you get **128.7280, -18.1069, -72.5525**, and if you desaturate by 10%, it is **142.2280, -12.9304, -52.8200**.

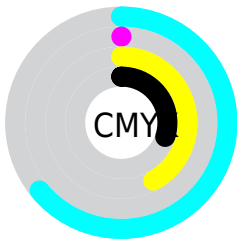
Distribution



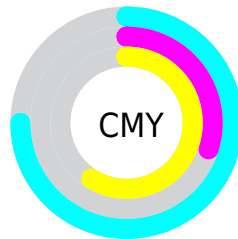
- Red (25%)
- Green (70%)
- Blue (41%)



- Red (25%)
- Yellow (58%)
- Blue (70%)



- Cyan (64%)
- Magenta (0%)
- Yellow (42%)
- Black (30%)



- Cyan (75%)
- Magenta (30%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.4780, -15.5187, -62.6862 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 135.4780, -15.5187, -62.6862 by changing the saturation by 10% instead.

■ 135.4780,
-15.5187, -62.6862

■ 135.4780,
-15.5187, -62.6862

■ 255.0000, 0.0000,
0.0000

■ 105.7160,
-13.1710, -69.0339

■ 192.5060,
-17.9975, -60.9568

■ 79.0580, -11.8606,
-69.3339

■ 215.9950,
-16.2665, -56.1236

■ 61.1740, -14.3828,
-53.6496

■ 227.8580, -8.3110,
-41.0945

■ 43.7630, -17.6312,
-38.3802

■ 239.7210, -0.3555,
-26.0653

■ 29.3500, -14.4695,
-25.7399

■ 250.5150, 2.2111,
-9.2217

■ 15.2620, -7.5242,
-13.3848

■ 0.0000, 0.0000,

0.0000

■ 135.4780,
-15.5187, -62.6862

■ 135.4780,
-15.5187, -62.6862

■ 128.7280,
-18.1069, -72.5525

■ 142.2280,
-12.9304, -52.8200

■ 122.0920,
-20.2584, -82.5187

■ 148.8640,
-10.7790, -42.8537

■ 115.6410,
-22.9940, -91.7702

■ 155.3150, -8.0433,
-33.6023

■ 111.5540,
-24.4301, -97.8329

■ 161.9510, -5.8918,
-23.6360

■ 168.7010, -3.3036,
-13.7698

■ 175.3370, -1.1521,
-3.8035

■ 182.0870, 1.4361,
6.0627

■ 188.4240, 3.7350,
15.4142

■ 195.1740, 6.3232,
25.2804

Harmonies

Analogous

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



146.8640, -40.8520, -10.4047



135.4780, -15.5187, -62.6862



124.5040, 15.0345, -109.1900

Triad

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



135.4780, -15.5187, -62.6862



131.9270, 60.6750, -94.6520



155.9580, -22.6573, 80.7208

Complementary

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



135.4780, -15.5187, -62.6862



106.5220, 15.5187, 62.6862

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.



157.8370, 1.0664, 78.1960



135.4780, -15.5187, -62.6862



159.5150, 42.6371, -2.2057

Square

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



135.4780, -15.5187, -62.6862



131.1280, 55.6459, -114.9993



161.7960, 23.2716, 49.2909



155.0870, -41.9479, 61.3137

Rectangle

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



135.4780, -15.5187, -62.6862



128.4940, 30.3225, -112.6892



161.7960, 23.2716, 49.2909



156.0320, -14.8058, 82.4099

Sweetspot

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



135.4780, -15.5187, -62.6862



215.5380, -6.1812, -24.1508



153.0440, -43.8987, -13.1936



106.9890, -3.4456, -14.8994



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



135.4780, -15.5187, -62.6862



165.2550, -24.2827, -98.4476



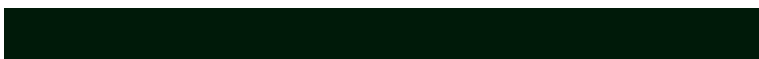
141.9760, 9.3788, -68.3850



85.6250, -1.2941, -4.9331



95.9670, -20.6897, -84.1631



16.2880, -3.5930, -14.2846

Inverse Universe

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



106.5220, 15.5187, 62.6862



119.7450, 24.2827, 98.4476



100.0240, -9.3788, 68.3850



83.3750, 1.2941, 4.9331



57.0330, 20.6897, 84.1631



9.7120, 3.5930, 14.2846

Previews

White Background



This preview shows how the YUV color 135.4780, -15.5187, -62.6862 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 135.4780, -15.5187, -62.6862 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 135.4780, -15.5187, -62.6862 Background



This preview shows how black text looks on a background with the YUV color 135.4780, -15.5187, -62.6862.



This preview shows how white text looks on a background with the YUV color 135.4780, -15.5187, -62.6862.

-62.6862.

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

135.4780, -15.5187, -62.6862

Protanopia

153.6450, -28.4190, 15.2203

Deuteranopia

156.3180, -22.3418, 26.0311



Tritanopia

146.5620, 17.4709, -50.4819

Trichromacy



Original Color

135.4780, -15.5187, -62.6862

Protanomaly

147.0220, -23.6748, -13.1743

Deuteranomaly

148.6900, -20.0602, -5.8671

Tritanomaly

142.4400, 5.6991, -54.7599

Monochromacy



Original Color

135.4780, -15.5187, -62.6862

Achromatopsia

135.0000, 0.0000, 0.0000

Achromatomaly

135.3640, -5.6025, -23.1212

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.4780, -15.5187, -62.6862 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(64, 178, 104)` looks like.

```
.text, #text, p{  
    color:rgb(64, 178, 104)  
}
```

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(64, 178, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 178, 104) }
```

Border

The CSS property to change the border of an element to YUV 135.4780, -15.5187, -62.6862 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(64, 178, 104) }
```


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

```
.border{ border-color:rgb(64, 178, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 178, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 178, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 178, 104);  
box-shadow:4px 4px 4px 4px rgb(64, 178,  
104) }
```

Background

The CSS property to change the background color of an element to YUV 135.4780, -15.5187, -62.6862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 178, 104) }
```

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

```
.background{ background-color: rgb(64, 178,  
104) }
```

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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