

Converting Colors

YUV(135.6550, -17.0849,
-26.8844)

Have a look what the booklet for
YUV(135.6550, -17.0849, -26.8844)
contains.

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Color

**YUV(135.6550, -17.0849,
-26.8844)**

Conversions

Conversions Part 1

Format	Color
Hex	699E65
RGB	105, 158, 101
RGB Percent	41%, 62%, 40%
CMY	0.5882, 0.3804, 0.6039
CMYK	0.34, 0.00, 0.36, 0.38
HSL	116°, 23%, 51%
HSV	116°, 36%, 62%
XYZ	20.4015, 28.3966, 16.7177
YIQ	135.6550, -13.2910, -28.9630

Conversions

Conversions Part 2

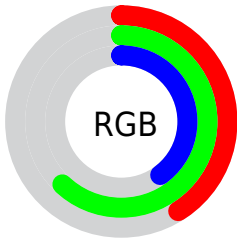
Format	Color
RYB	101, 158, 154
Decimal	6921829
CIELab	60.25, -29.27, 24.36
CIELCh	60, 38.084, 140.230
Yxy	28.3966, 0.3114, 0.4334
Android (android.graphics.Color)	4285111909 (0xFF699E65)
YUV	135.6550, -17.0849, -26.8844
Hunter-Lab	53.2884, -24.9159, 18.7013

Details

The YUV color $135.6550, -17.0849, -26.8844$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $123.3450, 17.0849, 26.8844$, and the grayscale version is $136.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $189.6010, -18.5373, -27.7141$, and $84.4100, -15.4851, -26.6696$ is the 20% darker color. If you saturate the color by 10%, you get $129.3460, -21.8626, -34.5064$, and if you desaturate by 10%, it is $141.9640, -12.3073, -19.2624$.

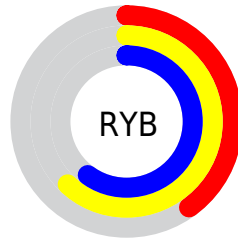
Distribution



Red (41%)

Green (62%)

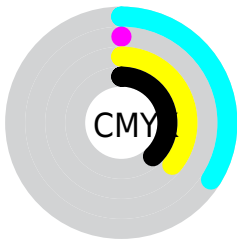
Blue (40%)



Red (40%)

Yellow (62%)

Blue (60%)

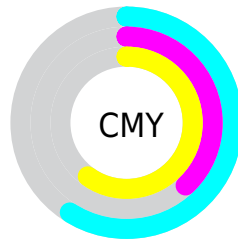


Cyan (34%)

Magenta (0%)

Yellow (36%)

Black (38%)



Cyan (59%)

Magenta (38%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.6550, -17.0849, -26.8844 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 135.6550, -17.0849, -26.8844 by changing the saturation by 10% instead.

■ 135.6550,
-17.0849, -26.8844

■ 135.6550,
-17.0849, -26.8844

■ 255.0000, 0.0000,
0.0000

■ 109.8830,
-16.2113, -27.0844

■ 189.6010,
-18.5373, -27.7141

■ 84.4100, -15.4851,
-26.6696

■ 217.4870,
-18.9741, -27.6141

■ 60.3390, -14.4641,
-27.4843

■ 237.2690,
-14.9226, -20.4069

■ 34.9580, -13.2903,
-30.6582

■ 248.8330, -6.8197,
-5.9925

■ 21.7190, -10.7075,
-19.0476

■ 1.1740, -0.5788,
-1.0296

■ 0.0000, 0.0000,

0.0000

■ 135.6550,
-17.0849, -26.8844

■ 135.6550,
-17.0849, -26.8844

■ 129.3460,
-21.8626, -34.5064

■ 141.9640,
-12.3073, -19.2624

■ 123.3360,
-26.7876, -41.5137

■ 147.9740, -7.3822,
-12.2552

■ 117.1410,
-31.1285, -49.2357

■ 154.1690, -3.0413,
-4.5332

■ 110.8320,
-35.9062, -56.8577

■ 160.4780, 1.7363,
3.0888

■ 104.8220,
-40.8312, -63.8649

■ 166.4880, 6.6614,
10.0960

■ 98.5130, -45.6089,
-71.4869

■ 172.7970, 11.4391,
17.7180

■ 96.0350, -47.3453,
-74.5757

■ 179.1060, 16.2167,
25.3400

■ 185.3010, 20.5576,
33.0620

■ 191.3110, 25.4827,
40.0693

Harmonies

Analogous

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



140.3400, -29.2546, 3.2098



135.6550, -17.0849, -26.8844



126.7010, 3.1054, -62.8818

Triad

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



135.6550, -17.0849, -26.8844



133.9090, 38.0059, -56.9252



146.7790, -11.2300, 55.4448

Complementary

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



135.6550, -17.0849, -26.8844



123.3450, 17.0849, 26.8844

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.



148.5620, 4.6529, 47.7421



135.6550, -17.0849, -26.8844



145.9470, 30.5921, -12.2315

Square

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



135.6550, -17.0849, -26.8844



115.6770, 39.5992, -101.4487



149.1920, 19.1323, 23.5106



145.7660, -25.0276, 47.5632

Rectangle

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



135.6550, -17.0849, -26.8844



113.4650, 20.9698, -99.5088



149.1920, 19.1323, 23.5106



147.4460, -6.1359, 54.8599

Sweetspot

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



135.6550, -17.0849, -26.8844



197.8000, -6.8034, -11.2256



148.5670, -23.4505, 8.2727



99.5170, -4.1989, -6.5924



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.



135.6550, -17.0849, -26.8844



172.0370, -26.6402, -42.1284



137.1950, -6.0121, -31.7430



75.9950, -2.4625, -3.5036



86.9310, -42.8570, -67.4685



9.1040, -4.4883, -7.1072

Inverse Universe

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



123.3450, 17.0849, 26.8844



152.6640, 26.7876, 41.5137



121.8050, 6.0121, 31.7430



74.0050, 2.4625, 3.5036



56.0690, 42.8570, 67.4685



5.8960, 4.4883, 7.1072

Previews

White Background



This preview shows how the YUV color 135.6550, -17.0849, -26.8844 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 135.6550, -17.0849, -26.8844 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

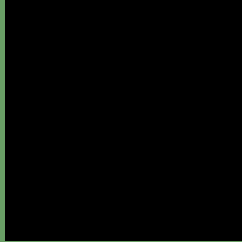
Any Text WCAG AA ✓ Pass

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 135.6550, -17.0849, -26.8844 Background



This preview shows how black text looks on a background with the YUV color 135.6550, -17.0849, -26.8844.



This preview shows how white text looks on a background with the YUV color 135.6550, -17.0849, -26.8844.

-26.8844.

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

135.6550, -17.0849, -26.8844

Protanopia

143.0020, -23.1720, 12.2762

Deuteranopia

144.6920, -19.5682, 23.0721



Tritanopia

141.3160, 10.6902, -22.2021

Trichromacy



Original Color

135.6550, -17.0849, -26.8844

Protanomaly

140.4840, -20.9446, -2.1785

Deuteranomaly

141.5110, -18.4929, 4.8139

Tritanomaly

139.2590, 0.3653, -23.9061

Monochromacy



Original Color

135.6550, -17.0849, -26.8844

Achromatopsia

136.0000, 0.0000, 0.0000

Achromatomaly

135.9250, -6.3720, -9.5812

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.6550, -17.0849, -26.8844 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(105, 158, 101)` looks like.

```
.text, #text, p{  
    color:rgb(105, 158, 101)  
}
```

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(105, 158, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 158, 101) }
```

Border

The CSS property to change the border of an element to YUV 135.6550, -17.0849, -26.8844 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(105, 158, 101) }
```


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

```
.border{ border-color:rgb(105, 158, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 158, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 158, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 158, 101);  
box-shadow:4px 4px 4px 4px rgb(105, 158,  
101) }
```

Background

The CSS property to change the background color of an element to YUV 135.6550, -17.0849, -26.8844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 158, 101) }
```

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

```
.background{ background-color: rgb(105,  
158, 101) }
```

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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