

Converting Colors

YUV(135.8220, -30.4782,
-24.3999)

Have a look what the booklet for
YUV(135.8220, -30.4782, -24.3999)
contains.

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Color

**YUV(135.8220, -30.4782,
-24.3999)**

Conversions

Conversions Part 1

Format	Color
Hex	6CA24A
RGB	108, 162, 74
RGB Percent	42%, 64%, 29%
CMY	0.5765, 0.3647, 0.7098
CMYK	0.33, 0.00, 0.54, 0.36
HSL	97°, 37%, 46%
HSV	97°, 54%, 64%
XYZ	20.3407, 29.5232, 11.1050
YIQ	135.8220, -3.9360, -38.8160

Conversions

Conversions Part 2

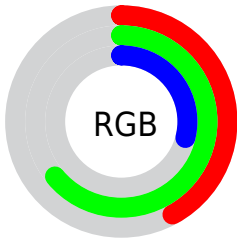
Format	Color
RYB	74, 162, 128
Decimal	7119434
CIELab	61.24, -33.86, 39.73
CIELCh	61, 52.201, 130.439
Yxy	29.5232, 0.3336, 0.4842
Android (android.graphics.Color)	4285309514 (0xFF6CA24A)
YUV	135.8220, -30.4782, -24.3999
Hunter-Lab	54.3353, -28.2643, 25.9170

Details

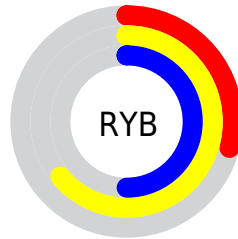
The YUV color **135.8220, -30.4782, -24.3999** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **100.1780, 30.4782, 24.3999**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.0670, -32.0780, -24.6148**, and **84.0500, -29.6046, -24.5998** is the 20% darker color. If you saturate the color by 10%, you get **131.0080, -35.9929, -28.9480**, and if you desaturate by 10%, it is **140.6360, -24.9635, -19.8518**.

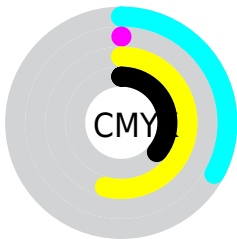
Distribution



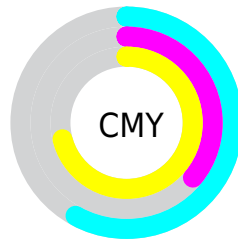
- Red (42%)
- Green (64%)
- Blue (29%)



- Red (29%)
- Yellow (64%)
- Blue (50%)



- Cyan (33%)
- Magenta (0%)
- Yellow (54%)
- Black (36%)



- Cyan (58%)
- Magenta (36%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.8220, -30.4782, -24.3999 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 135.8220, -30.4782, -24.3999 by changing the saturation by 10% instead.

■ 135.8220,
-30.4782, -24.3999

■ 135.8220,
-30.4782, -24.3999

■ 255.0000, 0.0000,
0.0000

■ 109.9360,
-30.0414, -24.4999

■ 190.0670,
-32.0780, -24.6148

■ 84.0500, -29.6046,
-24.5998

■ 218.5400,
-32.8042, -25.0296

■ 58.2670, -28.7256,
-26.5442

■ 235.5720,
-27.8900, -14.5336

■ 35.8070, -17.6529,
-31.4027

■ 247.4350,
-19.9345, 0.4955

■ 23.4800, -11.5756,
-20.5920

■ 252.7200, -8.7360,
1.9996

■ 4.6960, -2.3151,
-4.1184

■ 0.0000, 0.0000,

0.0000

■ 135.8220,
-30.4782, -24.3999

■ 135.8220,
-30.4782, -24.3999

■ 131.0080,
-35.9929, -28.9480

■ 140.6360,
-24.9635, -19.8518

■ 126.1940,
-41.5076, -33.4961

■ 145.4500,
-19.4488, -15.3036

■ 121.2660,
-47.4591, -37.9443

■ 150.3780,
-13.4974, -10.8555

■ 116.4520,
-52.9738, -42.4924

■ 155.1920, -7.9827,
-6.3074

■ 113.9310,
-56.1680, -44.6665

■ 160.0060, -2.4680,
-1.7593

■ 164.8200, 3.0467,
2.7889

■ 169.6340, 8.5614,
7.3370

■ 174.5620, 14.5129,
11.7851

■ 179.0770, 20.1750,
15.7185

Harmonies

Analogous

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



141.6930, -44.7116, 14.3012



135.8220, -30.4782, -24.3999



116.2000, -0.5916, -90.5064

Triad

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



135.8220, -30.4782, -24.3999



121.1830, 55.6188, -106.2775



147.6380, -7.2165, 74.8625

Complementary

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



135.8220, -30.4782, -24.3999



100.1780, 30.4782, 24.3999

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.



150.8480, 14.3719, 57.1383



135.8220, -30.4782, -24.3999



141.3420, 48.1454, -42.3959

Square

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



135.8220, -30.4782, -24.3999



122.8010, 41.5101, -107.6965



152.0030, 32.5365, 17.5374



146.2140, -27.7135, 69.0953

Rectangle

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



135.8220, -30.4782, -24.3999



116.5480, 15.0128, -102.2126



152.0030, 32.5365, 17.5374



148.5650, 0.2145, 71.4185

Sweetspot

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



135.8220, -30.4782, -24.3999



201.8450, -11.7556, -9.5111



131.4230, -28.3095, 26.8160



101.1320, -6.9671, -5.3778



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



135.8220, -30.4782, -24.3999



170.8530, -47.7485, -38.4591



126.6820, -21.5352, -46.2021



79.4790, -3.1941, -2.1741



101.8590, -50.2165, -40.2183



12.6590, -6.2409, -4.9629

Inverse Universe

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



100.1780, 30.4782, 24.3999



114.8480, 47.8959, 37.8443



109.3180, 21.5352, 46.2021



75.5210, 3.1941, 2.1741



43.1410, 50.2165, 40.2183



5.3410, 6.2409, 4.9629

Previews

White Background



This preview shows how the YUV color 135.8220, -30.4782, -24.3999 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 135.8220, -30.4782, -24.3999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

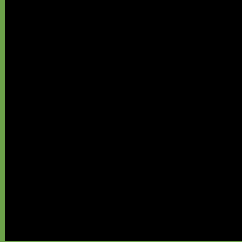
Any Text WCAG AA ✓ Pass

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 135.8220, -30.4782, -24.3999 Background



This preview shows how black text looks on a background with the YUV color 135.8220, -30.4782, -24.3999.



This preview shows how white text looks on a background with the YUV color 135.8220, -30.4782, -24.3999.

-24.3999.

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

135.8220, -30.4782, -24.3999

Protanopia

142.8920, -36.4288, 17.6347

Deuteranopia

145.1200, -32.1042, 30.5898



Tritanopia

144.5120, 10.1006, -19.7430

Trichromacy



Original Color

135.8220, -30.4782, -24.3999

Protanomaly

140.0750, -34.0540, 2.5652

Deuteranomaly

141.8140, -31.4603, 10.6871

Tritanomaly

141.6030, -4.7343, -21.5768

Monochromacy



Original Color

135.8220, -30.4782, -24.3999

Achromatopsia

136.0000, 0.0000, 0.0000

Achromatomaly

135.6710, -11.1768, -8.4815

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.8220, -30.4782, -24.3999 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(108, 162, 74)` looks like.

```
.text, #text, p{  
    color:rgb(108, 162, 74)  
}
```

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(108, 162, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 162, 74) }
```

Border

The CSS property to change the border of an element to YUV 135.8220, -30.4782, -24.3999 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(108, 162, 74) }
```


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

```
.border{ border-color:rgb(108, 162, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 162, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 162, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 162, 74);  
box-shadow:4px 4px 4px 4px rgb(108, 162,  
74) }
```

Background

The CSS property to change the background color of an element to YUV 135.8220, -30.4782, -24.3999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 162, 74) }
```

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

```
.background{ background-color: rgb(108,  
162, 74) }
```

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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