

# Converting Colors

YUV(134.0160, -24.1649,  
50.8520)

Have a look what the booklet for  
YUV(134.0160, -24.1649, 50.8520)  
contains.

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# Color

**YUV(134.0160, -24.1649,  
50.8520)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C07255
RGB	192, 114, 85
RGB Percent	75%, 45%, 33%
CMY	0.2471, 0.5529, 0.6667
CMYK	0.00, 0.41, 0.56, 0.25
HSL	16°, 46%, 54%
HSV	16°, 56%, 75%
XYZ	29.3952, 23.8970, 11.6576
YIQ	134.0160, 55.7970, 7.5170

# Conversions

## Conversions Part 2

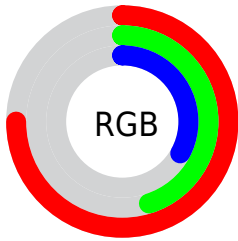
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	192, 125, 85
Decimal	12612181
CIE <sub>Lab</sub>	55.98, 27.85, 29.14
CIE <sub>LCh</sub>	56, 40.311, 46.298
Yxy	23.8970, 0.4526, 0.3679
Android (android.graphics.Color)	4290802261 (0xFFC07255)
YUV	134.0160, -24.1649, 50.8520
Hunter-Lab	48.8845, 21.7877, 20.0801

# Details

The YUV color **134.0160, -24.1649, 50.8520** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted orange. A complement of this color would be **142.9840, 24.1649, -50.8520**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.4680, -26.3597, 54.8406**, and **82.9660, -21.6752, 45.6338** is the 20% darker color. If you saturate the color by 10%, you get **123.6320, -28.4126, 59.9587**, and if you desaturate by 10%, it is **144.4000, -19.9172, 41.7452**.

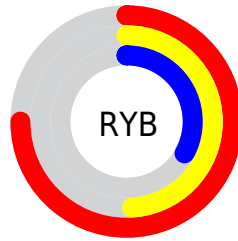
# Distribution



Red (75%)

Green (45%)

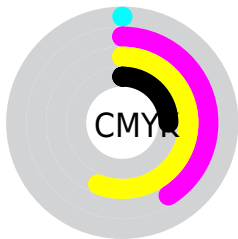
Blue (33%)



Red (75%)

Yellow (49%)

Blue (33%)

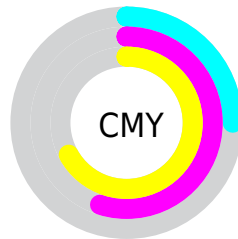


Cyan (0%)

Magenta (41%)

Yellow (56%)

Black (25%)



Cyan (25%)

Magenta (55%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 134.0160, -24.1649, 50.8520 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 134.0160, -24.1649, 50.8520 by changing the saturation by 10% instead.



■ 134.0160,  
-24.1649, 50.8520

■ 134.0160,  
-24.1649, 50.8520

■ 255.0000, 0.0000,  
0.0000

■ 107.9340,  
-23.1385, 48.2929

■ 188.4680,  
-26.3597, 54.8406

■ 82.9660, -21.6752,  
45.6338

■ 208.4770,  
-23.4062, 40.8007

■ 57.9980, -20.2120,  
42.9748

■ 228.1050,  
-19.2788, 23.5869

■ 33.8990, -16.7122,  
40.4306

■ 248.2060,  
-15.8776, 5.9583

■ 15.8470, -7.8126,  
32.5832

■ 253.8600, -4.3680,  
0.9998

■ 6.8770, -3.3904,  
14.1399

■ 0.0000, 0.0000,

0.0000

■ 134.0160,  
-24.1649, 50.8520

■ 134.0160,  
-24.1649, 50.8520

■ 123.6320,  
-28.4126, 59.9587

■ 144.4000,  
-19.9172, 41.7452

■ 113.2480,  
-32.6603, 69.0655

■ 154.7840,  
-15.6695, 32.6384

■ 102.7500,  
-37.3447, 78.2722

■ 165.2820,  
-10.9850, 23.4317

■ 92.3660, -41.5924,  
87.3790

■ 175.6660, -6.7373,  
14.3249

■ 87.9320, -43.3505,  
91.2676

■ 186.0500, -2.4897,  
5.2181

■ 196.4340, 1.7580,  
-3.8886

■ 206.8180, 6.0057,  
-12.9954

■ 217.3160, 10.6902,  
-22.2021

■ 227.3580, 13.6275,  
-31.0090

# Harmonies

## Analogous

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



135.5450, -9.6357, 57.4040



134.0160, -24.1649, 50.8520



132.4900, -33.2726, 32.0193

# Triad

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



134.0160, -24.1649, 50.8520



113.8210, 1.0742, -64.7410



133.0000, 33.5240, -19.2940

# Complementary

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



134.0160, -24.1649, 50.8520



142.9840, 24.1649, -50.8520

# 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.



112.6610, 44.0441, -80.3867



134.0160, -24.1649, 50.8520



106.6660, 22.8427, -93.5461

# Square

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



134.0160, -24.1649, 50.8520



124.2810, -19.8585, -23.9254



108.4390, 37.2516, -95.1010



138.2670, 22.0534, 19.9368



# Rectangle

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



134.0160, -24.1649, 50.8520



130.5650, -33.8025, 15.2905



108.4390, 37.2516, -95.1010



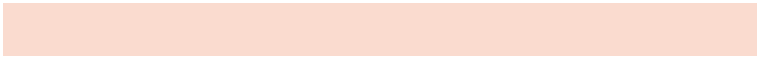
129.1120, 36.9198, -35.1782

# Sweetspot

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



134.0160, -24.1649, 50.8520



226.9010, -9.8112, 20.2578



125.8850, 18.2977, 57.9829



111.5840, -5.7109, 11.7658



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000



# Same Dimension

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



134.0160, -24.1649, 50.8520



159.2340, -38.0764, 79.6018



165.1270, -39.5026, 23.5676



91.7510, -2.3422, 4.6034



73.9670, -36.4657, 76.3279



15.1500, -7.4689, 15.6545



# Inverse Universe

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



142.9840, 24.1649, -50.8520



173.3530, 37.7870, -80.1166



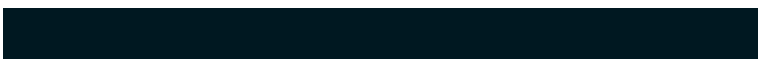
111.8730, 39.5026, -23.5676



92.2490, 2.3422, -4.6034



87.0330, 36.4657, -76.3279



17.8500, 7.4690, -15.6544



# Previews

## White Background



This preview shows how the YUV color 134.0160, -24.1649, 50.8520 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 134.0160, -24.1649, 50.8520 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 134.0160, -24.1649, 50.8520

## Background



This preview shows how black text looks on a background with the YUV color 134.0160, -24.1649, 50.8520.



This preview shows how white text looks on a background with the YUV color 134.0160, -24.1649,



# 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

134.0160, -24.1649, 50.8520

### Protanopia

133.2020, -19.8196, 10.3468

### Deuteranopia

133.8080, -25.5413, 25.6014



## Tritanopia

136.0280, -8.8878, 50.8414

# Trichromacy



## Original Color

134.0160, -24.1649, 50.8520

## Protanomaly

133.2470, -21.3208, 25.2164

## Deuteranomaly

134.2760, -25.2791, 34.8379

## Tritanomaly

134.9480, -14.2714, 50.9116

# Monochromacy



## Original Color

134.0160, -24.1649, 50.8520

## Achromatopsia

134.0000, 0.0000, 0.0000

## Achromatomaly

134.1180, -8.9322, 18.3135

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 134.0160, -24.1649, 50.8520 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(192, 114, 85)` looks like.

```
.text, #text, p{  
    color:rgb(192, 114, 85)  
}
```

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(192, 114, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 114, 85) }
```

## Border

The CSS property to change the border of an element to YUV 134.0160, -24.1649, 50.8520 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(192, 114, 85) }
```



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

```
.border{ border-color:rgb(192, 114, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 114, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 114, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 114, 85);  
box-shadow:4px 4px 4px 4px rgb(192, 114,  
85) }
```

# Background

The CSS property to change the background color of an element to YUV 134.0160, -24.1649, 50.8520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 114, 85) }
```

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

```
.background{ background-color: rgb(192,  
114, 85) }
```

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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