

Converting Colors

YUV(135.4230, -21.4075,
53.1260)

Have a look what the booklet for
YUV(135.4230, -21.4075, 53.1260)
contains.

YUV(135.4230, -21.4075, 53.1260)	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(135.4230, -21.4075,
53.1260)**

Conversions

Conversions Part 1

Format	Color
Hex	C4715C
RGB	196, 113, 92
RGB Percent	77%, 44%, 36%
CMY	0.2314, 0.5569, 0.6392
CMYK	0.00, 0.42, 0.53, 0.23
HSL	12°, 47%, 56%
HSV	12°, 53%, 77%
XYZ	30.6018, 24.3187, 13.2063
YIQ	135.4230, 56.2090, 11.0650

Conversions

Conversions Part 2

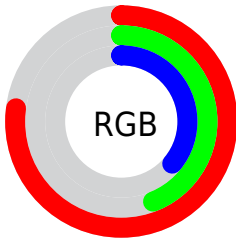
Format	Color
R_{YB}	196, 118, 92
Decimal	12874076
CIE _{Lab}	56.41, 30.60, 25.84
CIE _{LCh}	56, 40.050, 40.174
Yxy	24.3187, 0.4492, 0.3570
Android (android.graphics.Color)	4291064156 (0xFFC4715C)
YUV	135.4230, -21.4075, 53.1260
Hunter-Lab	49.3140, 24.4688, 18.6419

Details

The YUV color **135.4230, -21.4075, 53.1260** 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 **152.5770, 21.4075, -53.1260**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.8750, -23.6024, 57.1146**, and **83.4870, -18.4811, 47.8079** is the 20% darker color. If you saturate the color by 10%, you get **123.7510, -25.5132, 63.3624**, and if you desaturate by 10%, it is **147.0950, -17.3018, 42.8897**.

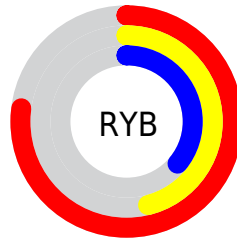
Distribution



Red (77%)

Green (44%)

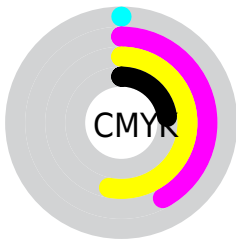
Blue (36%)



Red (77%)

Yellow (46%)

Blue (36%)

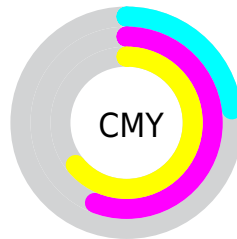


Cyan (0%)

Magenta (42%)

Yellow (53%)

Black (23%)



Cyan (23%)

Magenta (56%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.4230, -21.4075, 53.1260 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 135.4230, -21.4075, 53.1260 by changing the saturation by 10% instead.

■ 135.4230,
-21.4075, 53.1260

■ 135.4230,
-21.4075, 53.1260

■ 255.0000, 0.0000,
0.0000

■ 109.3410,
-20.3811, 50.5669

■ 189.8750,
-23.6024, 57.1146

■ 83.4870, -18.4811,
47.8079

■ 208.8020,
-19.6224, 40.5156

■ 58.5190, -17.0179,
45.1488

■ 228.3160,
-15.9318, 23.4019

■ 33.6220, -16.5756,
43.3045

■ 248.5310,
-12.0938, 5.6733

■ 16.7440, -8.2548,
34.4275

■ 254.7720, -0.8736,
0.2000

■ 8.7850, -3.8380,
17.7286

■ 0.0000, 0.0000,

0.0000

■ 135.4230,
-21.4075, 53.1260

■ 135.4230,
-21.4075, 53.1260

■ 123.7510,
-25.5132, 63.3624

■ 147.0950,
-17.3018, 42.8897

■ 112.7800,
-29.4715, 72.9839

■ 158.0660,
-13.3435, 33.2681

■ 101.1080,
-33.5772, 83.2203

■ 169.7380, -9.2378,
23.0318

■ 89.5500, -37.2462,
93.3567

■ 181.2960, -5.5689,
12.8954

■ 82.0840, -40.4674,
99.9043

■ 192.3810, -1.1738,
3.1739

■ 204.0530, 2.9319,
-7.0625

■ 215.0240, 6.8902,
-16.6840

■ 226.6960, 10.9959,
-26.9204

■ 236.7720, 8.9864,
-35.7570

Harmonies

Analogous

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



136.5710, -5.7045, 56.5042



135.4230, -21.4075, 53.1260



133.8650, -31.9784, 36.9524

Triad

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



135.4230, -21.4075, 53.1260



118.5190, -4.1999, -53.0752



132.4010, 35.2983, -28.4157

Complementary

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



135.4230, -21.4075, 53.1260



152.5770, 21.4075, -53.1260

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.



107.9150, 45.3979, -94.6415



135.4230, -21.4075, 53.1260



106.4550, 19.4957, -93.3610

Square

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



135.4230, -21.4075, 53.1260



126.8150, -23.0798, -17.3778



109.0430, 34.4888, -95.6307



139.2060, 24.5484, 12.9743

Rectangle

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



135.4230, -21.4075, 53.1260



132.0110, -33.5294, 21.0384



109.0430, 34.4888, -95.6307



127.6870, 38.1153, -45.3295

Sweetspot

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



135.4230, -21.4075, 53.1260



230.9550, -8.3588, 21.0875



132.5580, 20.9239, 55.6386



113.4100, -5.1321, 12.7954



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



135.4230, -21.4075, 53.1260



160.1080, -33.5772, 83.2203



165.9470, -36.4559, 26.3565



91.1640, -2.0529, 5.1182



66.9230, -32.9930, 82.5055



13.9760, -6.8902, 16.6840

Inverse Universe

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



152.5770, 21.4075, -53.1260



186.8920, 33.5772, -83.2203



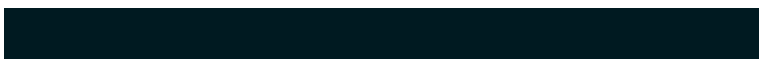
122.0530, 36.4559, -26.3565



92.8360, 2.0529, -5.1182



93.4900, 33.2824, -81.9907



19.0240, 6.8902, -16.6840

Previews

White Background



This preview shows how the YUV color 135.4230, -21.4075, 53.1260 looks on a white background.

Color Contrast Check

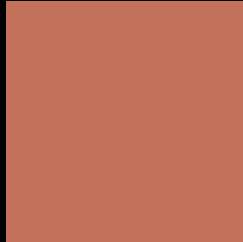
Large Text (above 18pt) WCAG AA ✓ Pass

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 135.4230, -21.4075, 53.1260 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 135.4230, -21.4075, 53.1260 Background



This preview shows how black text looks on a background with the YUV color 135.4230, -21.4075, 53.1260.



This preview shows how white text looks on a background with the YUV color 135.4230, -21.4075,

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

135.4230, -21.4075, 53.1260

Protanopia

134.8150, -16.1778, 8.9322

Deuteranopia

135.1930, -22.7731, 24.3867



Tritanopia

136.5230, -9.6248, 53.9153

Trichromacy



Original Color

135.4230, -21.4075, 53.1260

Protanomaly

135.3440, -18.4106, 25.1313

Deuteranomaly

135.3730, -22.3689, 34.7529

Tritanomaly

135.7850, -13.6980, 53.6856

Monochromacy



Original Color

135.4230, -21.4075, 53.1260

Achromatopsia

135.0000, 0.0000, 0.0000

Achromatomaly

135.0580, -7.9166, 19.2431

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.4230, -21.4075, 53.1260 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(196, 113, 92)` looks like.

```
.text, #text, p{  
    color:rgb(196, 113, 92)  
}
```

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(196, 113, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 113, 92) }
```

Border

The CSS property to change the border of an element to YUV 135.4230, -21.4075, 53.1260 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(196, 113, 92) }
```


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

```
.border{ border-color:rgb(196, 113, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 113, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 113, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 113, 92);  
box-shadow:4px 4px 4px 4px rgb(196, 113,  
92) }
```

Background

The CSS property to change the background color of an element to YUV 135.4230, -21.4075, 53.1260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 113, 92) }
```

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

```
.background{ background-color: rgb(196,  
113, 92) }
```

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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