

Converting Colors

YUV(133.0210, -18.2514,
67.5106)

Have a look what the booklet for
YUV(133.0210, -18.2514, 67.5106)
contains.

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Color

**YUV(133.0210, -18.2514,
67.5106)**

Conversions

Conversions Part 1

Format	Color
Hex	D26560
RGB	210, 101, 96
RGB Percent	82%, 40%, 38%
CMY	0.1765, 0.6039, 0.6235
CMYK	0.00, 0.52, 0.54, 0.18
HSL	3°, 56%, 60%
HSV	3°, 54%, 82%
XYZ	33.3433, 23.8535, 13.9131
YIQ	133.0210, 66.5690, 21.5530

Conversions

Conversions Part 2

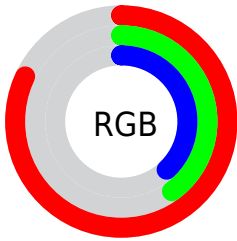
Format	Color
R _Y B	210, 101, 96
Decimal	13788512
CIE Lab	55.94, 42.55, 23.30
CIE LCh	56, 48.509, 28.707
Yxy	23.8535, 0.4689, 0.3354
Android (android.graphics.Color)	4291978592 (0xFFD26560)
YUV	133.0210, -18.2514, 67.5106
Hunter-Lab	48.8401, 36.3926, 17.2980

Details

The YUV color **133.0210, -18.2514, 67.5106** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **172.9790, 18.2514, -67.5106**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.4010, -17.9457, 62.7923**, and **79.6120, -14.5987, 62.6073** is the 20% darker color. If you saturate the color by 10%, you get **118.8870, -21.6363, 79.9061**, and if you desaturate by 10%, it is **147.1550, -14.8664, 55.1151**.

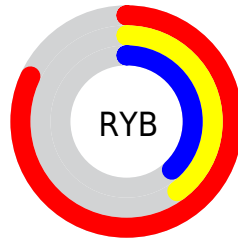
Distribution



Red (82%)

Green (40%)

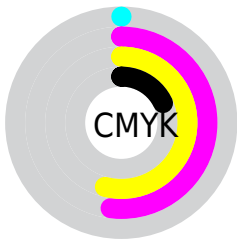
Blue (38%)



Red (82%)

Yellow (40%)

Blue (38%)

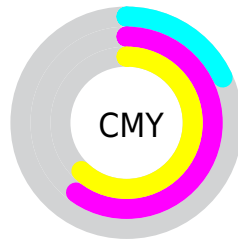


Cyan (0%)

Magenta (52%)

Yellow (54%)

Black (18%)



Cyan (18%)

Magenta (60%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.0210, -18.2514, 67.5106 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 133.0210, -18.2514, 67.5106 by changing the saturation by 10% instead.

■ 133.0210,
-18.2514, 67.5106

■ 133.0210,
-18.2514, 67.5106

■ 255.0000, 0.0000,
0.0000

■ 106.0530,
-16.7881, 64.8515

■ 183.4010,
-17.9457, 62.7923

■ 79.6120, -14.5987,
62.6073

■ 202.8010,
-14.6919, 45.7785

■ 52.1110, -11.3937,
61.2927

■ 222.4290,
-10.5645, 28.5648

■ 28.2630, -11.9617,
56.7743

■ 242.6440, -6.7265,
10.8362

■ 19.4350, -9.5815,
39.9605

■ 11.4760, -5.1647,
23.2615

■ 0.0000, 0.0000,

0.0000

■ 133.0210,
-18.2514, 67.5106

■ 133.0210,
-18.2514, 67.5106

■ 118.8870,
-21.6363, 79.9061

■ 147.1550,
-14.8664, 55.1151

■ 104.7530,
-25.0212, 92.3016

■ 161.2890,
-11.4815, 42.7195

■ 90.6190, -28.4062,
104.6971

■ 175.4230, -8.0965,
30.3240

■ 76.4850, -31.7911,
117.0927

■ 189.5570, -4.7116,
17.9285

■ 68.0730, -33.5600,
124.4700

■ 203.6910, -1.3267,
5.5330

■ 217.8250, 2.0583,
-6.8625

■ 232.5460, 5.1538,
-19.7728

■ 241.5450, 6.6333,
-27.6650

Harmonies

Analogous

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



135.1620, 1.3991, 64.7559



133.0210, -18.2514, 67.5106



131.6820, -34.3532, 52.0219

Triad

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



133.0210, -18.2514, 67.5106



116.6090, -14.1042, -49.6461



114.8170, 50.8692, -76.1385

Complementary

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



133.0210, -18.2514, 67.5106



172.9790, 18.2514, -67.5106

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.



110.8330, 46.4243, -97.2005



133.0210, -18.2514, 67.5106



105.9190, 12.3649, -92.8910

Square

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



133.0210, -18.2514, 67.5106



125.3080, -34.1688, -7.2861



110.1200, 30.9998, -96.5752



136.2670, 35.3644, -2.8652

Rectangle

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



133.0210, -18.2514, 67.5106



130.5630, -40.7036, 35.4632



110.1200, 30.9998, -96.5752



108.5650, 52.9655, -95.2115

Sweetspot

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



133.0210, -18.2514, 67.5106



227.4330, -6.6225, 24.1763



142.6260, 31.2434, 59.0870



111.0620, -3.9746, 14.8546



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.



133.0210, -18.2514, 67.5106



143.3300, -26.7847, 97.9346



165.8930, -34.4572, 38.6818



97.8760, -1.9109, 6.2477



54.3410, -26.7901, 99.6789



13.4330, -6.6225, 24.1763

Inverse Universe

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



172.9790, 18.2514, -67.5106



201.2570, 26.4953, -98.4494



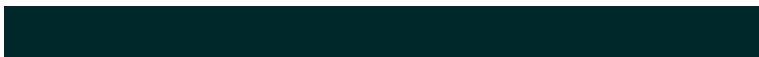
140.1070, 34.4572, -38.6818



101.1240, 1.9109, -6.2477



113.6590, 26.7901, -99.6789



27.5670, 6.6225, -24.1763

Previews

White Background



This preview shows how the YUV color 133.0210, -18.2514, 67.5106 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 133.0210, -18.2514, 67.5106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

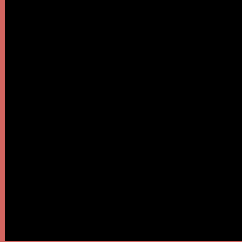
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 133.0210, -18.2514, 67.5106

Background



This preview shows how black text looks on a background with the YUV color 133.0210, -18.2514, 67.5106.



This preview shows how white text looks on a background with the YUV color 133.0210, -18.2514,

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

133.0210, -18.2514, 67.5106

Protanopia

133.7700, -11.2256, 7.2177

Deuteranopia

134.2360, -21.3153, 23.4720



Tritanopia

133.2860, -13.4520, 68.1552

Trichromacy



Original Color

133.0210, -18.2514, 67.5106

Protanomaly

133.6310, -13.6221, 29.2646

Deuteranomaly

133.9760, -20.2012, 39.4860

Tritanomaly

133.4170, -15.4886, 68.0403

Monochromacy



Original Color

133.0210, -18.2514, 67.5106

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

132.8460, -6.3331, 24.6911

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.0210, -18.2514, 67.5106 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(210, 101, 96)` looks like.

```
.text, #text, p{  
    color:rgb(210, 101, 96)  
}
```

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(210, 101, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 101, 96) }
```

Border

The CSS property to change the border of an element to YUV 133.0210, -18.2514, 67.5106 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(210, 101, 96) }
```


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

```
.border{ border-color:rgb(210, 101, 96) }
```

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

Here you see how a box with a 4 pixel rgb(210, 101, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 101, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 101, 96);  
box-shadow:4px 4px 4px 4px rgb(210, 101,  
96) }
```

Background

The CSS property to change the background color of an element to YUV 133.0210, -18.2514, 67.5106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 101, 96) }
```

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

```
.background{ background-color: rgb(210,  
101, 96) }
```

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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