

Converting Colors

YUV(130.2360, -18.8503,
-114.2170)

Have a look what the booklet for
YUV(130.2360, -18.8503, -114.2170)
contains.

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Color

**YUV(130.2360, -18.8503,
-114.2170)**

Conversions

Conversions Part 1

Format	Color
Hex	00CC5C
RGB	0, 204, 92
RGB Percent	0%, 80%, 36%
CMY	1.0000, 0.2000, 0.6392
CMYK	1.00, 0.00, 0.55, 0.20
HSL	147°, 100%, 40%
HSV	147°, 100%, 80%
XYZ	23.5246, 43.9584, 17.3702
YIQ	130.2360, -85.6320, -78.0800

Conversions

Conversions Part 2

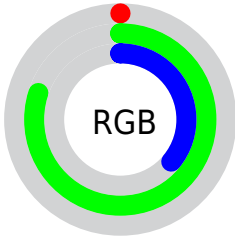
Format	Color
RYB	0, 141, 204
Decimal	52316
CIELab	72.20, -66.25, 43.60
CIELCh	72, 79.307, 146.649
Yxy	43.9584, 0.2772, 0.5181
Android (android.graphics.Color)	4278242396 (0xFF00CC5C)
YUV	130.2360, -18.8503, -114.2170
Hunter-Lab	66.3012, -52.6926, 30.8775

Details

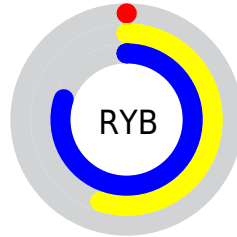
The YUV color **130.2360, -18.8503, -114.2170** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed green. A complement of this color would be **73.7640, 18.8503, 114.2170**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.7130, -25.4945, -83.0633**, and **91.5500, -24.9211, -80.2893** is the 20% darker color. If you saturate the color by 10%, you get **130.2360, -18.8503, -114.2170**, and if you desaturate by 10%, it is **137.4700, -16.9937, -103.0212**.

Distribution



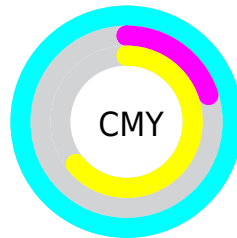
- Red (0%)
- Green (80%)
- Blue (36%)



- Red (0%)
- Yellow (55%)
- Blue (80%)



- Cyan (100%)
- Magenta (0%)
- Yellow (55%)
- Black (20%)



- Cyan (100%)
- Magenta (20%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 130.2360, -18.8503, -114.2170 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 130.2360, -18.8503, -114.2170 by changing the saturation by 10% instead.

■ 130.2360,
-18.8503, -114.2170

■ 130.2360,
-18.8503, -114.2170

■ 255.0000, 0.0000,
0.0000

■ 110.8360,
-22.1041, -97.2032

■ 196.7130,
-25.4945, -83.0633

■ 91.5500, -24.9211,
-80.2893

■ 209.6580,
-18.5654, -65.4751

■ 72.1670, -30.6483,
-63.2905

■ 222.1190,
-10.9047, -49.2164

■ 55.7650, -27.4921,
-48.9059

■ 234.5800, -3.2439,
-32.9577

■ 40.5030, -19.9680,
-35.5211

■ 246.9270, 3.9800,
-16.5990

■ 27.0020, -13.3120,
-23.6808

■ 8.2180, -4.0515,

-7.2072

■ 0.0000, 0.0000,
0.0000

■ 130.2360,
-18.8503, -114.2170

■ 137.4700,
-16.9937, -103.0212

■ 145.0030,
-15.2845, -91.2106

■ 152.3510,
-12.9910, -80.1148

■ 159.8840,
-11.2818, -68.3043

■ 167.1180, -9.4252,
-57.1085

■ 174.3520, -7.5685,
-45.9127

■ 181.8850, -5.8593,
-34.1021

■ 189.2330, -3.5659,
-23.0063

■ 196.7660, -1.8566,
-11.1958

Harmonies

Analogous

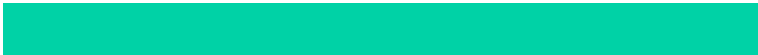
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



158.6660, -70.8273, -9.3541



130.2360, -18.8503, -114.2170



142.1940, 11.7364, -124.7041

Triad

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



130.2360, -18.8503, -114.2170



139.4260, 56.9780, -122.2766



154.1530, -18.3164, 88.4428

Complementary

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



130.2360, -18.8503, -114.2170



73.7640, 18.8503, 114.2170

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.



157.5510, 15.0114, 85.4628



130.2360, -18.8503, -114.2170



170.8190, 41.5012, -11.2423

Square

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



130.2360, -18.8503, -114.2170



148.8180, 52.3477, -130.5134



179.8640, 37.0420, 65.8943



164.8260, -56.1162, 79.0826

Rectangle

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



130.2360, -18.8503, -114.2170



148.0080, 34.0131, -129.8030



179.8640, 37.0420, 65.8943



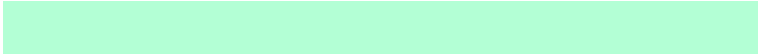
153.2530, -6.5337, 89.2321

Sweetspot

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



130.2360, -18.8503, -114.2170



227.4880, -7.1426, -42.5240



153.2360, -75.5453, -36.1640



111.2820, -4.5760, -25.6803



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.



130.2360, -18.8503, -114.2170



162.7950, -23.5629, -142.7712



141.8640, 25.7030, -124.4147



98.3260, -1.1467, -5.5479



105.9920, -15.2791, -92.9550



24.2440, -3.5713, -21.2620

Inverse Universe

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



73.7640, 18.8503, 114.2170



92.2050, 23.5629, 142.7712



62.1360, -25.7030, 124.4147



95.5600, 0.7099, 5.6479



60.0080, 15.2791, 92.9550



13.7560, 3.5713, 21.2620

Previews

White Background



This preview shows how the YUV color 130.2360, -18.8503, -114.2170 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 130.2360, -18.8503, -114.2170 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 ✓ Pass

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

YUV 130.2360, -18.8503, -114.2170 Background



This preview shows how black text looks on a background with the YUV color 130.2360, -18.8503, -114.2170.



This preview shows how white text looks on a background with the YUV color 130.2360, -18.8503, -114.2170.

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



Protanopia

171.0790, -43.4229, 20.9787

Deuteranopia

173.6430, -35.3200, 35.3931

Tritanopia

160.2220, 23.0616, -70.3547

Trichromacy



Protanomaly

156.0620, -34.5406, -28.1184

Deuteranomaly

157.4960, -29.3315, -18.8520

Tritanomaly

149.1110, 7.8333, -86.0433

Monochromacy



Achromatopsia

130.0000, 0.0000, 0.0000

Achromatomaly

130.2000, -7.0006, -41.3944

CSS Examples

Text

The CSS property to change the color of the text to YUV 130.2360, -18.8503, -114.2170 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(0, 204, 92)` looks like.

```
.text, #text, p{  
    color:rgb(0, 204, 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(0, 204, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 204, 92) }
```

Border

The CSS property to change the border of an element to YUV 130.2360, -18.8503, -114.2170 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(0, 204, 92) }
```

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

```
.border{ border-color:rgb(0, 204, 92) }
```

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

Here you see how a box with a 4 pixel rgb(0, 204, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 204, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 204, 92);  
box-shadow:4px 4px 4px 4px rgb(0, 204, 92)  
}
```


Background

The CSS property to change the background color of an element to YUV 130.2360, -18.8503, -114.2170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 204, 92) }
```

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

```
.background{ background-color: rgb(0, 204,  
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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