

Converting Colors

YUV(111.6210, -15.5892,
-40.0096)

Have a look what the booklet for
YUV(111.6210, -15.5892, -40.0096)
contains.

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Color

**YUV(111.6210, -15.5892,
-40.0096)**

Conversions

Conversions Part 1

Format	Color
Hex	428D50
RGB	66, 141, 80
RGB Percent	26%, 55%, 31%
CMY	0.7412, 0.4471, 0.6863
CMYK	0.53, 0.00, 0.43, 0.45
HSL	131°, 36%, 41%
HSV	131°, 53%, 55%
XYZ	13.2196, 20.7872, 10.9050
YIQ	111.6210, -25.1190, -34.8710

Conversions

Conversions Part 2

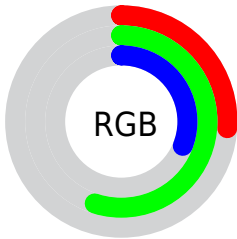
Format	Color
R_{YB}	66, 129, 141
Decimal	4361552
CIE _{Lab}	52.72, -37.13, 25.60
CIE _{LCh}	53, 45.099, 145.419
Yxy	20.7872, 0.2943, 0.4628
Android (android.graphics.Color)	4282551632 (0xFF428D50)
YUV	111.6210, -15.5892, -40.0096
Hunter-Lab	45.5930, -28.0319, 17.7340

Details

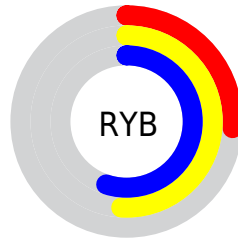
The YUV color **111.6210, -15.5892, -40.0096** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **95.3790, 15.5892, 40.0096**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.1650, -17.3363, -39.6097**, and **56.7060, -11.1941, -49.7312** is the 20% darker color. If you saturate the color by 10%, you get **106.1810, -18.3302, -47.5167**, and if you desaturate by 10%, it is **117.0610, -12.8481, -32.5025**.

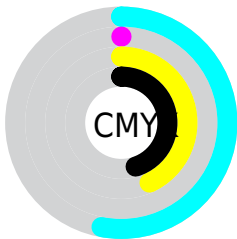
Distribution



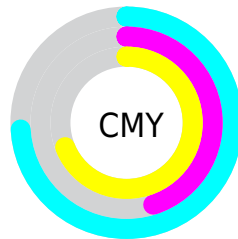
- Red (26%)
- Green (55%)
- Blue (31%)



- Red (26%)
- Yellow (51%)
- Blue (55%)



- Cyan (53%)
- Magenta (0%)
- Yellow (43%)
- Black (45%)



- Cyan (74%)
- Magenta (45%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.6210, -15.5892, -40.0096 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 111.6210, -15.5892, -40.0096 by changing the saturation by 10% instead.

■ 111.6210,
-15.5892, -40.0096

■ 111.6210,
-15.5892, -40.0096

■ 255.0000, 0.0000,
0.0000

■ 85.2510, -14.4207,
-41.4391

■ 165.1650,
-17.3363, -39.6097

■ 56.7060, -11.1941,
-49.7312

■ 192.6380,
-18.0625, -40.0245

■ 39.9960, -14.2950,
-35.0765

■ 221.1110,
-18.7887, -40.4393

■ 25.2410, -12.4438,
-22.1364

■ 234.4360,
-11.5539, -27.5694

■ 9.9790, -4.9196,
-8.7516

■ 246.4130, -3.1616,
-12.6402

■ 0.0000, 0.0000,
0.0000

■ 111.6210,
-15.5892, -40.0096

■ 111.6210,
-15.5892, -40.0096

■ 106.1810,
-18.3302, -47.5167

■ 117.0610,
-12.8481, -32.5025

■ 100.6270,
-21.5081, -54.9239

■ 122.6150, -9.6702,
-25.0954

■ 95.1870, -24.2492,
-62.4310

■ 128.0550, -6.9291,
-17.5882

■ 89.6330, -27.4271,
-69.8381

■ 133.6090, -3.7512,
-10.1811

■ 85.7310, -29.4474,
-75.1861

■ 139.3480, -1.1576,
-2.0592

■ 144.9020, 2.0203,
5.3479

■ 150.3420, 4.7614,
12.8551

■ 155.8960, 7.9393,

20.2622

■ 161.3360, 10.6804,
27.7693

Harmonies

Analogous

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



118.3840, -32.7273, -2.9678



111.6210, -15.5892, -40.0096



98.5670, 9.5805, -86.4433

Triad

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



111.6210, -15.5892, -40.0096



102.1210, 49.7333, -85.1751



125.4980, -15.0355, 62.7073

Complementary

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



111.6210, -15.5892, -40.0096



95.3790, 15.5892, 40.0096

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.



126.8730, 3.0206, 57.9934



111.6210, -15.5892, -40.0096



126.8920, 34.0702, -7.7983

Square

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



111.6210, -15.5892, -40.0096



104.3130, 41.7507, -91.4825



129.4860, 19.9734, 33.7768



124.4090, -30.2746, 50.5073

Rectangle

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



111.6210, -15.5892, -40.0096



101.6450, 21.3740, -89.1427



129.4860, 19.9734, 33.7768



125.4040, -9.0732, 63.6667

Sweetspot

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



111.6210, -15.5892, -40.0096



172.2940, -6.0609, -16.0438



128.2640, -30.6962, -1.1085



85.0220, -3.4618, -9.6663



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



111.6210, -15.5892, -40.0096



137.7740, -24.5386, -62.9458



115.8390, 0.5724, -43.7088



68.3370, -1.1521, -3.8035



82.0950, -28.1478, -71.9973



4.8100, -1.8783, -4.2184

Inverse Universe

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



95.3790, 15.5892, 40.0096



112.2260, 24.5386, 62.9458



91.1610, -0.5724, 43.7088



66.7770, 1.5889, 3.7036



52.9050, 28.1478, 71.9973



3.0760, 1.4415, 4.3183

Previews

White Background



This preview shows how the YUV color 111.6210, -15.5892, -40.0096 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 111.6210, -15.5892, -40.0096 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 111.6210, -15.5892, -40.0096 Background



This preview shows how black text looks on a background with the YUV color 111.6210, -15.5892, -40.0096.



This preview shows how white text looks on a background with the YUV color 111.6210, -15.5892, -40.0096.

-40.0096.

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

111.6210, -15.5892, -40.0096

Protanopia

122.7740, -24.0456, 12.4762

Deuteranopia

124.9800, -19.7101, 21.9425



Tritanopia

119.5920, 12.0331, -32.9682

Trichromacy



Original Color

111.6210, -15.5892, -40.0096

Protanomaly

118.7500, -21.0757, -6.7967

Deuteranomaly

120.1790, -18.3292, -1.0340

Tritanomaly

116.9370, 2.0031, -35.9017

Monochromacy



Original Color

111.6210, -15.5892, -40.0096

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

112.0060, -5.9190, -14.9143

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.6210, -15.5892, -40.0096 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(66, 141, 80)` looks like.

```
.text, #text, p{  
    color:rgb(66, 141, 80)  
}
```

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(66, 141, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 141, 80) }
```

Border

The CSS property to change the border of an element to YUV 111.6210, -15.5892, -40.0096 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(66, 141, 80) }
```


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

```
.border{ border-color:rgb(66, 141, 80) }
```

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

Here you see how a box with a 4 pixel rgb(66, 141, 80) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 141, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 141, 80);  
box-shadow:4px 4px 4px 4px rgb(66, 141,  
80) }
```

Background

The CSS property to change the background color of an element to YUV 111.6210, -15.5892, -40.0096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 141, 80) }
```

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

```
.background{ background-color: rgb(66, 141,  
80) }
```

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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