

Converting Colors

YUV(104.8240, -36.3952,
53.6514)

Have a look what the booklet for
YUV(104.8240, -36.3952, 53.6514)
contains.

YUV(104.8240, -36.3952, 53.6514)	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(104.8240, -36.3952,
53.6514)**

Conversions

Conversions Part 1

Format	Color
Hex	A6581F
RGB	166, 88, 31
RGB Percent	65%, 35%, 12%
CMY	0.3490, 0.6549, 0.8784
CMYK	0.00, 0.47, 0.81, 0.35
HSL	25°, 69%, 39%
HSV	25°, 81%, 65%
XYZ	19.4629, 15.1854, 3.2016
YIQ	104.8240, 64.7850, -1.1910

Conversions

Conversions Part 2

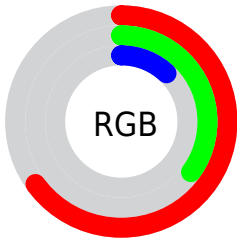
Format	Color
R_{YB}	166, 130, 31
Decimal	10901535
CIE _{Lab}	45.89, 27.95, 44.97
CIE _{LCh}	46, 52.952, 58.135
Yxy	15.1854, 0.5142, 0.4012
Android (android.graphics.Color)	4289091615 (0xFFA6581F)
YUV	104.8240, -36.3952, 53.6514
Hunter-Lab	38.9684, 20.9578, 22.4067

Details

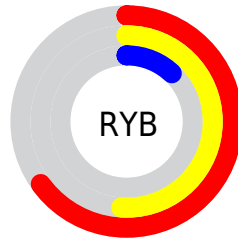
The YUV color **104.8240, -36.3952, 53.6514** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **92.1760, 36.3952, -53.6514**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.2870, -38.5955, 59.3843**, and **55.7720, -27.4956, 45.8040** is the 20% darker color. If you saturate the color by 10%, you get **97.0160, -40.9269, 60.4990**, and if you desaturate by 10%, it is **112.6320, -31.8636, 46.8037**.

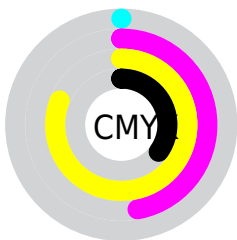
Distribution



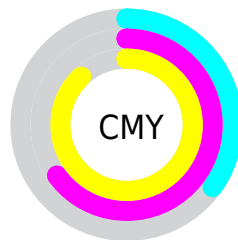
- Red (65%)
- Green (35%)
- Blue (12%)



- Red (65%)
- Yellow (51%)
- Blue (12%)



- Cyan (0%)
- Magenta (47%)
- Yellow (81%)
- Black (35%)



- Cyan (35%)
- Magenta (65%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.8240, -36.3952, 53.6514 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 104.8240, -36.3952, 53.6514 by changing the saturation by 10% instead.

■ 104.8240,
-36.3952, 53.6514

■ 104.8240,
-36.3952, 53.6514

■ 255.0000, 0.0000,
0.0000

■ 78.9870, -36.9686,
50.8774

■ 158.2870,
-38.5955, 59.3843

■ 55.7720, -27.4956,
45.8040

■ 185.6570,
-39.7639, 60.8138

■ 33.8990, -16.7122,
40.4306

■ 204.4700,
-36.2207, 44.3148

■ 15.8470, -7.8126,
32.5832

■ 223.8700,
-32.9669, 27.3010

■ 6.5780, -3.2430,
13.5251

■ 244.0850,
-29.1289, 9.5725

■ 0.0000, 0.0000,
0.0000

■ 250.2120,

-18.3455, 4.1991

253.4040, -6.1152,
1.3997

104.8240,
-36.3952, 53.6514

104.8240,
-36.3952, 53.6514

97.0160, -40.9269,
60.4990

112.6320,
-31.8636, 46.8037

90.7240, -44.7269,
66.0171

119.7390,
-27.4793, 40.5709

127.5470,
-22.9477, 33.7233

134.6540,
-18.5634, 27.4904

142.4620,
-14.0318, 20.6428

■ 150.2700, -9.5001,
13.7952

■ 157.3770, -5.1159,
7.5624

■ 165.1850, -0.5842,
0.7148

■ 172.2920, 3.8000,
-5.5181

Harmonies

Analogous

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



104.6840, -17.0992, 71.3141



104.8240, -36.3952, 53.6514



101.9890, -50.2806, 27.1966

Triad

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



104.8240, -36.3952, 53.6514



87.5790, 8.0956, -76.8068



109.3420, 38.2854, -6.4389

Complementary

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



104.8240, -36.3952, 53.6514



92.1760, 36.3952, -53.6514

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.



90.0770, 53.2060, -78.9975



104.8240, -36.3952, 53.6514



92.7090, 27.7515, -81.3058

Square

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



104.8240, -36.3952, 53.6514



82.7810, -11.7240, -66.4599



94.3510, 44.1970, -82.7458



111.1110, 22.1303, 41.9987

Rectangle

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



104.8240, -36.3952, 53.6514



99.4700, -46.5737, 4.8498



94.3510, 44.1970, -82.7458



104.2790, 43.7395, -29.1857

Sweetspot

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



104.8240, -36.3952, 53.6514



193.4620, -14.0318, 20.6428



80.3710, 14.6071, 75.0966



95.1990, -8.4791, 12.9805



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



104.8240, -36.3952, 53.6514



120.5170, -57.4429, 84.6156



144.1530, -55.7844, 19.1598



80.1530, -2.0474, 3.3738



80.6460, -39.7585, 59.0695



11.2630, -5.5527, 7.6623

Inverse Universe

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



92.1760, 36.3952, -53.6514



100.4830, 57.4429, -84.6156



52.8470, 55.7844, -19.1598



79.8470, 2.0474, -3.3738



66.7670, 40.0479, -58.5547



9.3240, 5.2633, -8.1771

Previews

White Background



This preview shows how the YUV color 104.8240, -36.3952, 53.6514 looks on a white 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

Black Background



This preview shows how the YUV color 104.8240, -36.3952, 53.6514 looks on a black 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

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

YUV 104.8240, -36.3952, 53.6514

Background



This preview shows how black text looks on a background with the YUV color 104.8240, -36.3952, 53.6514.



This preview shows how white text looks on a background with the YUV color 104.8240, -36.3952,

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

104.8240, -36.3952, 53.6514

Protanopia

104.6790, -33.3657, 15.1905

Deuteranopia

105.1600, -39.5189, 28.8007



Tritanopia

108.6970, -10.2036, 52.8857

Trichromacy



Original Color

104.8240, -36.3952, 53.6514

Protanomaly

104.5390, -34.2827, 29.3453

Deuteranomaly

104.8560, -38.3830, 37.8373

Tritanomaly

107.1780, -19.8078, 53.3409

Monochromacy



Original Color

104.8240, -36.3952, 53.6514

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

104.9780, -13.3002, 19.3133

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.8240, -36.3952, 53.6514 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(166, 88, 31)` looks like.

```
.text, #text, p{  
    color:rgb(166, 88, 31)  
}
```

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(166, 88, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 88, 31) }
```

Border

The CSS property to change the border of an element to YUV 104.8240, -36.3952, 53.6514 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(166, 88, 31) }
```


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

```
.border{ border-color:rgb(166, 88, 31) }
```

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

Here you see how a box with a 4 pixel rgb(166, 88, 31) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 88, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 88, 31);  
box-shadow:4px 4px 4px 4px rgb(166, 88,  
31) }
```

Background

The CSS property to change the background color of an element to YUV 104.8240, -36.3952, 53.6514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 88, 31) }
```

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

```
.background{ background-color: rgb(166, 88,  
31) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor