

Converting Colors

YUV(105.1550, -51.8414,
61.2541)

Have a look what the booklet for
YUV(105.1550, -51.8414, 61.2541)
contains.

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Color

**YUV(105.1550, -51.8414,
61.2541)**

Conversions

Conversions Part 1

Format	Color
Hex	AF5A00
RGB	175, 90, 0
RGB Percent	69%, 35%, 0%
CMY	0.3137, 0.6471, 1.0000
CMYK	0.00, 0.49, 1.00, 0.31
HSL	31°, 100%, 34%
HSV	31°, 100%, 69%
XYZ	21.3354, 16.4263, 2.0461
YIQ	105.1550, 79.5500, -9.9700

Conversions

Conversions Part 2

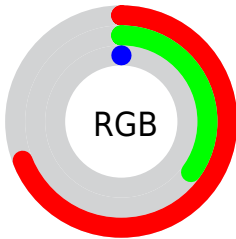
Format	Color
RYB	165, 175, 0
Decimal	11491840
CIELab	47.53, 30.04, 56.36
CIElCh	48, 63.866, 61.942
Yxy	16.4263, 0.5360, 0.4126
Android (android.graphics.Color)	4289681920 (0xFFAF5A00)
YUV	105.1550, -51.8414, 61.2541
Hunter-Lab	40.5294, 23.0391, 25.3773

Details

The YUV color **105.1550, -51.8414, 61.2541** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **69.8450, 51.8414, -61.2541**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.4700, -49.5317, 67.1168**, and **59.0390, -29.1062, 49.0778** is the 20% darker color. If you saturate the color by 10%, you get **105.1550, -51.8414, 61.2541**, and if you desaturate by 10%, it is **112.3760, -47.0204, 54.9212**.

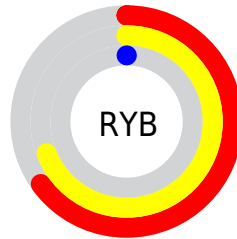
Distribution



Red (69%)

Green (35%)

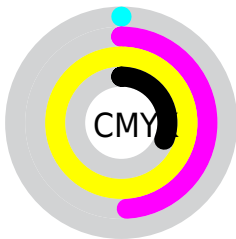
Blue (0%)



Red (65%)

Yellow (69%)

Blue (0%)

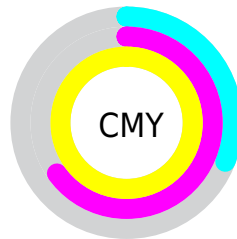


Cyan (0%)

Magenta (49%)

Yellow (100%)

Black (31%)



Cyan (31%)

Magenta (65%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 105.1550, -51.8414, 61.2541 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 105.1550, -51.8414, 61.2541 by changing the saturation by 10% instead.

■ 105.1550,
-51.8414, 61.2541

■ 105.1550,
-51.8414, 61.2541

■ 254.5440, -1.7472,
0.3999

■ 82.0970, -40.4738,
55.1659

■ 160.4700,
-49.5317, 67.1168

■ 59.0390, -29.1062,
49.0778

■ 184.6650,
-48.6418, 61.6838

■ 36.2800, -17.8860,
43.6044

■ 203.4780,
-45.0987, 45.1848

■ 17.6410, -8.6970,
36.2718

■ 222.9920,
-41.4081, 28.0710


■ 9.9810, -4.4276,
20.1877


■ 243.0930,
-38.0068, 10.4424


■ 0.0000, 0.0000,
0.0000


■ 248.0460,


-26.6447, 6.0987


 251.2380,
-14.4143, 3.2993

 105.1550,
-51.8414, 61.2541

 112.3760,
-47.0204, 54.9212

 119.1240,
-41.4731, 49.0033

 126.4590,
-36.2153, 42.5705

 133.0930,
-31.1048, 36.7524

 140.4280,
-25.8470, 30.3196

■ 147.0620,
-20.7366, 24.5016

■ 154.2830,
-15.9155, 18.1688

■ 161.0310,
-10.3683, 12.2508

■ 168.3660, -5.1104,
5.8180

Harmonies

Analogous

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



104.6920, -22.5262, 85.3391



105.1550, -51.8414, 61.2541



105.5110, -52.0169, 24.1079

Triad

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



105.1550, -51.8414, 61.2541



92.9420, 10.8746, -81.5101



114.3950, 44.6683, -0.3464

Complementary

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



105.1550, -51.8414, 61.2541



69.8450, 51.8414, -61.2541

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.



94.4600, 62.3842, -82.8414



105.1550, -51.8414, 61.2541



99.0980, 34.4617, -86.9089

Square

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



105.1550, -51.8414, 61.2541



84.7970, -12.7179, -74.3670



100.6090, 52.9438, -88.2341



112.1330, 25.5704, 58.6424

Rectangle

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



105.1550, -51.8414, 61.2541



101.2150, -49.8990, -1.9426



100.6090, 52.9438, -88.2341



108.7550, 51.8858, -28.7261

Sweetspot

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



105.1550, -51.8414, 61.2541



199.8770, -20.1524, 23.7869



62.3570, 12.6420, 98.7879



98.4720, -12.5577, 14.4951



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



105.1550, -51.8414, 61.2541



136.5520, -67.3201, 79.3229



155.0500, -76.4396, 17.4962



83.0390, -2.4842, 3.4738



90.0490, -44.3942, 52.5770



13.9210, -6.8631, 7.9623

Inverse Universe

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



69.8450, 51.8414, -61.2541



90.4480, 67.3201, -79.3229



19.9500, 76.4397, -17.4962



81.3740, 2.7736, -2.9590



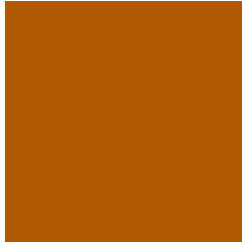
59.9510, 44.3942, -52.5770



9.0790, 6.8631, -7.9623

Previews

White Background



This preview shows how the YUV color 105.1550, -51.8414, 61.2541 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 105.1550, -51.8414, 61.2541 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 105.1550, -51.8414, 61.2541 Background



This preview shows how black text looks on a background with the YUV color 105.1550, -51.8414, 61.2541.



This preview shows how white text looks on a background with the YUV color 105.1550, -51.8414,

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

105.1550, -51.8414, 61.2541

Protanopia

106.9000, -45.3067, 18.5047

Deuteranopia

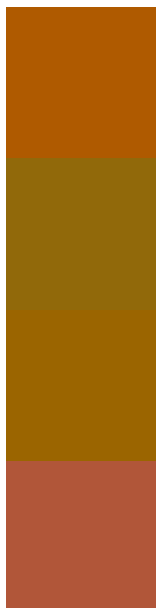
106.1530, -52.3334, 32.3148



Tritanopia

112.6760, -11.6723, 57.2891

Trichromacy



Original Color

105.1550, -51.8414, 61.2541

Protanomaly

106.1300, -47.3921, 34.0890

Deuteranomaly

105.6320, -52.0766, 43.2957

Tritanomaly

109.9030, -26.0812, 58.8441

Monochromacy



Original Color

105.1550, -51.8414, 61.2541

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

105.2080, -18.8365, 21.7426

CSS Examples

Text

The CSS property to change the color of the text to YUV 105.1550, -51.8414, 61.2541 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(175, 90, 0)` looks like.

```
.text, #text, p{  
    color:rgb(175, 90, 0)  
}
```

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(175, 90, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 90, 0) }
```

Border

The CSS property to change the border of an element to YUV 105.1550, -51.8414, 61.2541 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(175, 90, 0) }
```


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

```
.border{ border-color:rgb(175, 90, 0) }
```

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

Here you see how a box with a 4 pixel rgb(175, 90, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 90, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 90, 0);  
box-shadow:4px 4px 4px 4px rgb(175, 90, 0)  
}
```

Background

The CSS property to change the background color of an element to YUV 105.1550, -51.8414, 61.2541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 90, 0) }
```

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

```
.background{ background-color: rgb(175, 90,  
0) }
```

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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