

Converting Colors

YUV(107.9060, -37.4217,
56.2104)

Have a look what the booklet for
YUV(107.9060, -37.4217, 56.2104)
contains.

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Color

**YUV(107.9060, -37.4217,
56.2104)**

Conversions

Conversions Part 1

Format	Color
Hex	AC5A20
RGB	172, 90, 32
RGB Percent	67%, 35%, 13%
CMY	0.3255, 0.6471, 0.8745
CMYK	0.00, 0.48, 0.81, 0.33
HSL	25°, 69%, 40%
HSV	25°, 81%, 67%
XYZ	20.9301, 16.1873, 3.3878
YIQ	107.9060, 67.4900, -0.6540

Conversions

Conversions Part 2

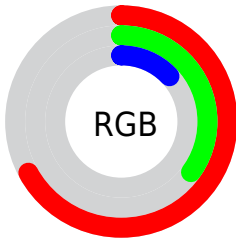
Format	Color
RYB	172, 131, 32
Decimal	11295264
CIELab	47.22, 29.44, 46.09
CIElCh	47, 54.693, 57.435
Yxy	16.1873, 0.5167, 0.3996
Android (android.graphics.Color)	4289485344 (0xFFAC5A20)
YUV	107.9060, -37.4217, 56.2104
Hunter-Lab	40.2334, 22.4504, 23.1709

Details

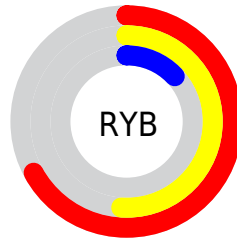
The YUV color **107.9060, -37.4217, 56.2104** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **96.0940, 37.4217, -56.2104**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.3690, -39.6219, 61.9434**, and **58.7400, -28.9588, 48.4630** is the 20% darker color. If you saturate the color by 10%, you get **100.0980, -41.9533, 63.0581**, and if you desaturate by 10%, it is **115.7140, -32.8900, 49.3628**.

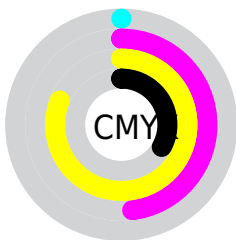
Distribution



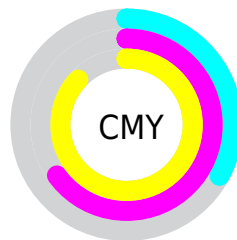
- Red (67%)
- Green (35%)
- Blue (13%)



- Red (67%)
- Yellow (51%)
- Blue (13%)



- Cyan (0%)
- Magenta (48%)
- Yellow (81%)
- Black (33%)



- Cyan (33%)
- Magenta (65%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.9060, -37.4217, 56.2104 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 107.9060, -37.4217, 56.2104 by changing the saturation by 10% instead.

■ 107.9060,
-37.4217, 56.2104

■ 107.9060,
-37.4217, 56.2104

■ 255.0000, 0.0000,
0.0000

■ 81.6560, -38.2844,
52.9217

■ 161.3690,
-39.6219, 61.9434

■ 58.7400, -28.9588,
48.4630

■ 186.9450,
-39.9059, 59.6842

■ 35.9810, -17.7386,
42.9897

■ 205.7580,
-36.3627, 43.1852

■ 17.0430, -8.4022,
35.0423

■ 225.8590,
-32.9615, 25.5567

■ 9.3830, -4.1328,
18.9581

■ 245.3730,
-29.2709, 8.4429

■ 0.0000, 0.0000,
0.0000

■ 250.3260,

-17.9087, 4.0991

253.6320, -5.2416,
1.1997

107.9060,
-37.4217, 56.2104

107.9060,
-37.4217, 56.2104

100.0980,
-41.9533, 63.0581

115.7140,
-32.8900, 49.3628

93.1050, -45.9008,
69.1909

123.5220,
-28.3583, 42.5152

131.4440,
-23.3899, 35.5676

139.2520,
-18.8582, 28.7200

147.0600,
-14.3266, 21.8724

■ 154.8680, -9.7949,
15.0248

■ 163.2630, -5.5527,
7.6623

■ 171.1850, -0.5842,
0.7148

■ 178.9930, 3.9475,
-6.1329

Harmonies

Analogous

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



107.2930, -17.3994, 74.2880



107.9060, -37.4217, 56.2104



104.6580, -51.5964, 29.2409

Triad

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



107.9060, -37.4217, 56.2104



90.1550, 7.8116, -79.0659



112.2000, 40.3274, -8.0684

Complementary

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



107.9060, -37.4217, 56.2104



96.0940, 37.4217, -56.2104

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.



93.1090, 54.6693, -81.6566



107.9060, -37.4217, 56.2104



95.5130, 28.3411, -83.7649

Square

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



107.9060, -37.4217, 56.2104



85.4390, -13.0344, -66.1600



97.2690, 45.2234, -85.3049



114.1650, 23.5827, 42.8283

Rectangle

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



107.9060, -37.4217, 56.2104



102.0850, -49.3419, 6.0645



97.2690, 45.2234, -85.3049



107.1260, 45.7869, -32.5595

Sweetspot

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



107.9060, -37.4217, 56.2104



199.7610, -14.1792, 21.2576



83.4360, 16.0541, 77.6706



97.1990, -8.4791, 12.9805



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



107.9060, -37.4217, 56.2104



123.7840, -59.0535, 87.8894



147.8220, -57.1002, 21.2041



83.0390, -2.4842, 3.4738



81.2440, -40.0533, 60.2990



12.7470, -6.2843, 8.9919

Inverse Universe

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



96.0940, 37.4217, -56.2104



104.8030, 58.7641, -88.4042



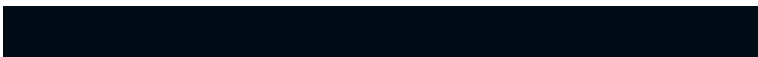
56.1780, 57.1002, -21.2041



81.9610, 2.4842, -3.4738



68.7560, 40.0533, -60.2990



10.2530, 6.2843, -8.9919

Previews

White Background



This preview shows how the YUV color 107.9060, -37.4217, 56.2104 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 107.9060, -37.4217, 56.2104 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 107.9060, -37.4217, 56.2104

Background



This preview shows how black text looks on a background with the YUV color 107.9060, -37.4217, 56.2104.



This preview shows how white text looks on a background with the YUV color 107.9060, -37.4217,

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

107.9060, -37.4217, 56.2104

Protanopia

108.3370, -34.6761, 15.4905

Deuteranopia

108.1170, -40.9767, 29.7154



Tritanopia

111.8930, -10.7932, 55.3448

Trichromacy



Original Color

107.9060, -37.4217, 56.2104

Protanomaly

108.4960, -35.7405, 30.2600

Deuteranomaly

108.2260, -39.5514, 39.2668

Tritanomaly

110.3740, -20.3974, 55.8000

Monochromacy



Original Color

107.9060, -37.4217, 56.2104

Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

107.5760, -13.5950, 20.5428

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.9060, -37.4217, 56.2104 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(172, 90, 32)` looks like.

```
.text, #text, p{  
    color:rgb(172, 90, 32)  
}
```

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(172, 90, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 90, 32) }
```

Border

The CSS property to change the border of an element to YUV 107.9060, -37.4217, 56.2104 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(172, 90, 32) }
```


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

```
.border{ border-color:rgb(172, 90, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 90, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 90, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 90, 32);  
box-shadow:4px 4px 4px 4px rgb(172, 90,  
32) }
```

Background

The CSS property to change the background color of an element to YUV 107.9060, -37.4217, 56.2104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 90, 32) }
```

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

```
.background{ background-color: rgb(172, 90,  
32) }
```

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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