

Converting Colors

YUV(107.7550, -41.7842,
55.4659)

Have a look what the booklet for
YUV(107.7550, -41.7842, 55.4659)
contains.

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Color

**YUV(107.7550, -41.7842,
55.4659)**

Conversions

Conversions Part 1

Format	Color
Hex	AB5C17
RGB	171, 92, 23
RGB Percent	67%, 36%, 9%
CMY	0.3294, 0.6392, 0.9098
CMYK	0.00, 0.46, 0.87, 0.33
HSL	28°, 76%, 38%
HSV	28°, 87%, 67%
XYZ	20.7764, 16.3741, 2.8761
YIQ	107.7550, 69.2330, -4.7110

Conversions

Conversions Part 2

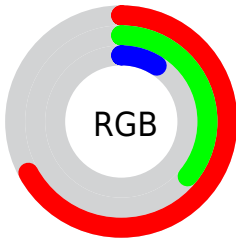
Format	Color
RYB	171, 152, 23
Decimal	11230231
CIELab	47.46, 27.65, 49.85
CIElCh	47, 57.009, 60.983
Yxy	16.3741, 0.5191, 0.4091
Android (android.graphics.Color)	4289420311 (0xFFAB5C17)
YUV	107.7550, -41.7842, 55.4659
Hunter-Lab	40.4649, 20.8359, 24.1113

Details

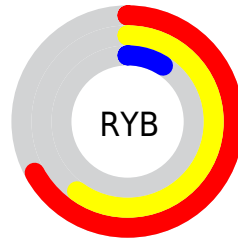
The YUV color **107.7550, -41.7842, 55.4659** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **86.2450, 41.7842, -55.4659**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.7450, -43.2583, 61.6136**, and **59.6150, -29.3902, 46.8186** is the 20% darker color. If you saturate the color by 10%, you get **100.5340, -46.6053, 61.7987**, and if you desaturate by 10%, it is **114.9760, -36.9632, 49.1330**.

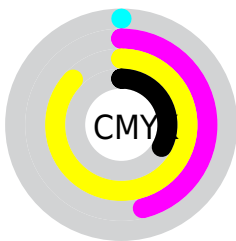
Distribution



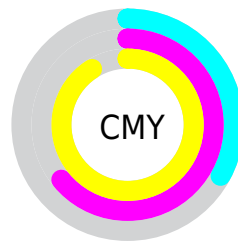
- Red (67%)
- Green (36%)
- Blue (9%)



- Red (67%)
- Yellow (60%)
- Blue (9%)



- Cyan (0%)
- Magenta (46%)
- Yellow (87%)
- Black (33%)



- Cyan (33%)
- Magenta (64%)
- Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.7550, -41.7842, 55.4659 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 107.7550, -41.7842, 55.4659 by changing the saturation by 10% instead.

107.7550,
-41.7842, 55.4659

107.7550,
-41.7842, 55.4659

255.0000, 0.0000,
0.0000

82.0750, -40.4630,
51.6772

161.7450,
-43.2583, 61.6136

59.6150, -29.3902,
46.8186

187.3210,
-43.5423, 59.3545

37.4430, -18.4594,
40.8305

206.1340,
-39.9991, 42.8555

16.7440, -8.2548,
34.4275

225.6480,
-36.3085, 25.7417

9.0840, -3.9854,
18.3433

245.7490,
-32.9073, 8.1131

0.0000, 0.0000,
0.0000

249.5280,

-20.9663, 4.7989

252.8340, -8.2992,
1.8996

107.7550,
-41.7842, 55.4659

107.7550,
-41.7842, 55.4659

100.5340,
-46.6053, 61.7987

114.9760,
-36.9632, 49.1330

98.0890, -48.3579,
63.9429

122.1970,
-32.1421, 42.8002

129.4180,
-27.3211, 36.4674

137.2260,
-22.7894, 29.6198

144.4470,
-17.9684, 23.2870

■ 151.7820,
-12.7105, 16.8542

■ 159.0030, -7.8895,
10.5214

■ 166.2240, -3.0684,
4.1886

■ 173.4450, 1.7526,
-2.1443

Harmonies

Analogous

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



107.2070, -20.3151, 76.1175



107.7550, -41.7842, 55.4659



105.2230, -51.8749, 25.2374

Triad

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



107.7550, -41.7842, 55.4659



91.5400, 10.5798, -80.2806



114.2440, 40.3057, -1.0910

Complementary

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



107.7550, -41.7842, 55.4659



86.2450, 41.7842, -55.4659

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.



93.0920, 57.1426, -81.6417



107.7550, -41.7842, 55.4659



97.0120, 31.5461, -85.0795

Square

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



107.7550, -41.7842, 55.4659



84.0790, -10.3919, -73.7373



98.0670, 48.2810, -86.0048



113.9810, 22.6874, 50.0057

Rectangle

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



107.7550, -41.7842, 55.4659



101.2370, -49.9098, 1.5462



98.0670, 48.2810, -86.0048



109.5830, 46.0546, -25.0673

Sweetspot

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



107.7550, -41.7842, 55.4659



197.1910, -16.3632, 21.7575



76.4860, 13.5644, 82.8888



97.4440, -10.0789, 12.7656



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.



107.7550, -41.7842, 55.4659



126.8390, -62.5316, 83.4562



150.0190, -62.6204, 18.4003



83.0390, -2.4842, 3.4738



85.9400, -42.3684, 56.1806



13.3340, -6.5737, 8.4771

Inverse Universe

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



86.2450, 41.7842, -55.4659



94.5740, 62.8210, -82.9414



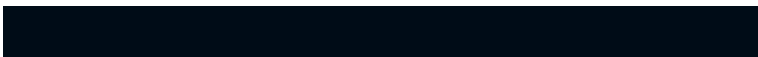
43.9810, 62.6204, -18.4003



81.9610, 2.4842, -3.4738



64.0600, 42.3684, -56.1806



9.6660, 6.5737, -8.4771

Previews

White Background



This preview shows how the YUV color 107.7550, -41.7842, 55.4659 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 107.7550, -41.7842, 55.4659 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

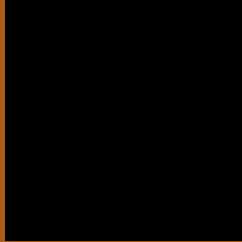
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 107.7550, -41.7842, 55.4659

Background



This preview shows how black text looks on a background with the YUV color 107.7550, -41.7842, 55.4659.



This preview shows how white text looks on a background with the YUV color 107.7550, -41.7842, 55.4659.

55.4659.

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

107.7550, -41.7842, 55.4659

Protanopia

107.6100, -38.7547, 17.0050

Deuteranopia

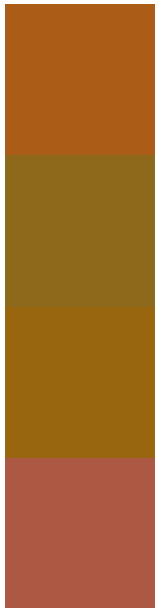
106.9340, -46.8025, 31.6299



Tritanopia

112.9960, -10.3510, 53.5005

Trichromacy



Original Color

107.7550, -41.7842, 55.4659

Protanomaly

107.4700, -39.6717, 31.1598

Deuteranomaly

107.4450, -45.0824, 39.9517

Tritanomaly

111.0210, -21.7024, 54.3556

Monochromacy



Original Color

107.7550, -41.7842, 55.4659

Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

107.8210, -15.1948, 20.3280

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.7550, -41.7842, 55.4659 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(171, 92, 23)` looks like.

```
.text, #text, p{  
    color:rgb(171, 92, 23)  
}
```

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(171, 92, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 92, 23) }
```

Border

The CSS property to change the border of an element to YUV 107.7550, -41.7842, 55.4659 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(171, 92, 23) }
```


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

```
.border{ border-color:rgb(171, 92, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 92, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 92, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 92, 23);  
box-shadow:4px 4px 4px 4px rgb(171, 92,  
23) }
```

Background

The CSS property to change the background color of an element to YUV 107.7550, -41.7842, 55.4659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 92, 23) }
```

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

```
.background{ background-color: rgb(171, 92,  
23) }
```

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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