

Converting Colors

YUV(115.5670, -13.0975,
47.7377)

Have a look what the booklet for
YUV(115.5670, -13.0975, 47.7377)
contains.

YUV(115.5670, -13.0975, 47.7377)	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(115.5670, -13.0975,
47.7377)**

Conversions

Conversions Part 1

Format	Color
Hex	AA5D59
RGB	170, 93, 89
RGB Percent	67%, 36%, 35%
CMY	0.3333, 0.6353, 0.6510
CMYK	0.00, 0.45, 0.48, 0.33
HSL	3°, 32%, 51%
HSV	3°, 48%, 67%
XYZ	22.2951, 17.0960, 11.5760
YIQ	115.5670, 47.1760, 15.0800

Conversions

Conversions Part 2

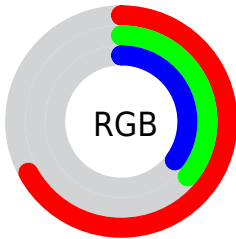
Format	Color
RYB	170, 93, 89
Decimal	11165017
CIELab	48.38, 30.86, 16.26
CIElCh	48, 34.878, 27.779
Yxy	17.0960, 0.4374, 0.3354
Android (android.graphics.Color)	4289355097 (0xFFAA5D59)
YUV	115.5670, -13.0975, 47.7377
Hunter-Lab	41.3473, 23.8920, 12.3438

Details

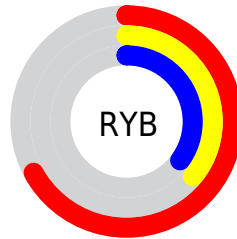
The YUV color **115.5670, -13.0975, 47.7377** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **143.4330, 13.0975, -47.7377**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.1330, -14.8556, 51.6264**, and **64.9300, -10.3185, 43.0344** is the 20% darker color. If you saturate the color by 10%, you get **104.2370, -15.8928, 57.6742**, and if you desaturate by 10%, it is **126.8970, -10.3022, 37.8013**.

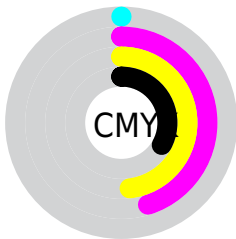
Distribution



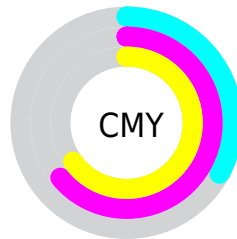
- Red (67%)
- Green (36%)
- Blue (35%)



- Red (67%)
- Yellow (36%)
- Blue (35%)



- Cyan (0%)
- Magenta (45%)
- Yellow (48%)
- Black (33%)



- Cyan (33%)
- Magenta (64%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.5670, -13.0975, 47.7377 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 115.5670, -13.0975, 47.7377 by changing the saturation by 10% instead.

■ 115.5670,
-13.0975, 47.7377

■ 115.5670,
-13.0975, 47.7377

■ 255.0000, 0.0000,
0.0000

■ 89.8980, -11.7817,
45.6935

■ 169.1330,
-14.8556, 51.6264

■ 64.9300, -10.3185,
43.0344

■ 196.0190,
-15.2924, 51.7263

■ 40.3750, -8.5659,
40.8901

■ 214.9460,
-11.3124, 35.1274

■ 18.5380, -9.1392,
38.1162

■ 235.1610, -7.4744,
17.3988

■ 11.1770, -5.0173,
22.6468

■ 254.3160, -2.6208,
0.5999

■ 0.0000, 0.0000,
0.0000

■ 115.5670,
-13.0975, 47.7377

■ 115.5670,
-13.0975, 47.7377

■ 104.2370,
-15.8928, 57.6742

■ 126.8970,
-10.3022, 37.8013

■ 92.9070, -18.6882,
67.6106

■ 138.2270, -7.5069,
27.8649

■ 81.5770, -21.4835,
77.5470

■ 149.5570, -4.7116,
17.9285

■ 69.6600, -23.9894,
87.9982

■ 161.4740, -2.2057,
7.4773

■ 58.3300, -26.7847,
97.9346

■ 172.8040, 0.5896,
-2.4591

■ 55.5260, -27.3743,
100.3937

■ 184.1340, 3.3849,
-12.3955

■ 195.4640, 6.1802,
-22.3319

■ 206.7940, 8.9756,

-32.2683

■ 218.1240, 11.7709,
-42.2047

Harmonies

Analogous

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



117.1010, 0.4432, 44.6384



115.5670, -13.0975, 47.7377



114.6400, -23.9795, 38.0267

Triad

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



115.5670, -13.0975, 47.7377



104.5280, -11.1063, -31.1581



107.5150, 32.2841, -41.6707

Complementary

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



115.5670, -13.0975, 47.7377



143.4330, 13.0975, -47.7377

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.



92.6580, 35.1716, -81.2611



115.5670, -13.0975, 47.7377



89.0780, 11.3005, -78.1214

Square

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



115.5670, -13.0975, 47.7377



109.3760, -23.8494, -3.8378



92.3840, 23.9677, -81.0208



116.5200, 24.8866, -2.2100

Rectangle

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



115.5670, -13.0975, 47.7377



113.2380, -27.7253, 26.1013



92.3840, 23.9677, -81.0208



100.5020, 35.2485, -59.1993

Sweetspot

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



115.5670, -13.0975, 47.7377



200.8560, -4.8590, 18.5433



122.1110, 22.1303, 41.9987



99.2680, -3.0901, 11.1660



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.



115.5670, -13.0975, 47.7377



137.0820, -20.7464, 74.4731



138.4600, -24.3838, 27.6606



78.3920, -1.1793, 4.9182



48.3610, -23.8420, 87.3834



6.5670, -3.2375, 11.7807

Inverse Universe

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



143.4330, 13.0975, -47.7377



180.5050, 20.4570, -74.9879



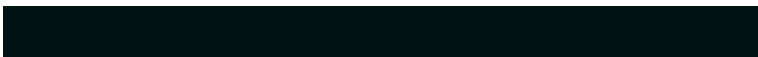
120.5400, 24.3838, -27.6606



81.6080, 1.1793, -4.9182



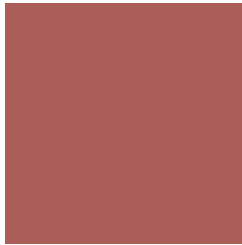
99.6390, 23.8420, -87.3834



13.4330, 3.2375, -11.7807

Previews

White Background



This preview shows how the YUV color 115.5670, -13.0975, 47.7377 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 115.5670, -13.0975, 47.7377 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 115.5670, -13.0975, 47.7377

Background



This preview shows how black text looks on a background with the YUV color 115.5670, -13.0975, 47.7377.

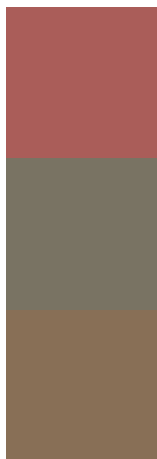


This preview shows how white text looks on a background with the YUV color 115.5670, -13.0975,

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

115.5670, -13.0975, 47.7377

Protanopia

114.9700, -7.8732, 5.2883

Deuteranopia

115.6250, -14.6051, 17.8689



Tritanopia

116.3050, -9.0244, 47.9675

Trichromacy



Original Color

115.5670, -13.0975, 47.7377

Protanomaly

115.2000, -9.9586, 20.8726

Deuteranomaly

115.2180, -13.9115, 28.7498

Tritanomaly

115.9630, -10.3348, 48.2674

Monochromacy



Original Color

115.5670, -13.0975, 47.7377

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

116.1440, -5.0010, 17.4137

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.5670, -13.0975, 47.7377 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(170, 93, 89)` looks like.

```
.text, #text, p{  
    color:rgb(170, 93, 89)  
}
```

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(170, 93, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 93, 89) }
```

Border

The CSS property to change the border of an element to YUV 115.5670, -13.0975, 47.7377 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(170, 93, 89) }
```


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

```
.border{ border-color:rgb(170, 93, 89) }
```

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

Here you see how a box with a 4 pixel rgb(170, 93, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 93, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 93, 89);  
box-shadow:4px 4px 4px 4px rgb(170, 93,  
89) }
```

Background

The CSS property to change the background color of an element to YUV 115.5670, -13.0975, 47.7377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 93, 89) }
```

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

```
.background{ background-color: rgb(170, 93,  
89) }
```

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