

Converting Colors

YUV(114.3550, -8.0630,
66.3407)

Have a look what the booklet for
YUV(114.3550, -8.0630, 66.3407)
contains.

YUV(114.3550, -8.0630, 66.3407)	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(114.3550, -8.0630,
66.3407)**

Conversions

Conversions Part 1

Format	Color
Hex	BE4F62
RGB	190, 79, 98
RGB Percent	75%, 31%, 38%
CMY	0.2549, 0.6902, 0.6157
CMYK	0.00, 0.58, 0.48, 0.25
HSL	350°, 46%, 53%
HSV	350°, 58%, 75%
XYZ	26.2358, 17.4210, 13.5351
YIQ	114.3550, 60.0570, 29.4410

Conversions

Conversions Part 2

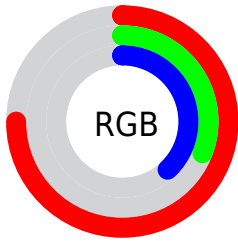
Format	Color
R_{YB}	190, 79, 98
Decimal	12472162
CIE _{Lab}	48.79, 46.30, 11.88
CIE _{LCh}	49, 47.804, 14.396
Yxy	17.4210, 0.4587, 0.3046
Android (android.graphics.Color)	4290662242 (0xFFBE4F62)
YUV	114.3550, -8.0630, 66.3407
Hunter-Lab	41.7384, 39.1587, 9.9901

Details

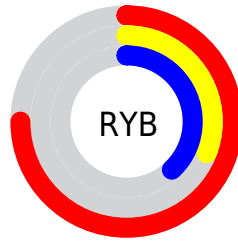
The YUV color **114.3550, -8.0630, 66.3407** is a dark color, and the websafe version is hex **CC6666**, and the color name is **popstar**. A complement of this color would be **154.6450, 8.0630, -66.3407**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.2200, -9.9685, 70.8441**, and **58.8970, -3.4002, 64.1113** is the 20% darker color. If you saturate the color by 10%, you get **101.3780, -9.5534, 77.7215**, and if you desaturate by 10%, it is **127.3320, -6.5727, 54.9598**.

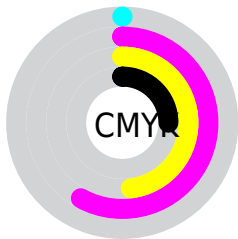
Distribution



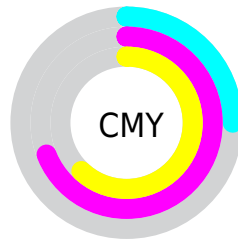
- Red (75%)
- Green (31%)
- Blue (38%)



- Red (75%)
- Yellow (31%)
- Blue (38%)



- Cyan (0%)
- Magenta (58%)
- Yellow (48%)
- Black (25%)



- Cyan (25%)
- Magenta (69%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the YUV color 114.3550, -8.0630, 66.3407 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 114.3550, -8.0630, 66.3407 by changing the saturation by 10% instead.


 114.3550, -8.0630,
66.3407


 114.3550, -8.0630,
66.3407


255.0000, 0.0000,
0.0000

 87.0990, -6.4578,
64.8112


 169.2200, -9.9685,
70.8441


 58.8970, -3.4002,
64.1113


 190.1150, -7.4517,
56.9041


 34.6300, -1.7896,
60.8375


 209.6290, -3.7611,
39.7904

 23.4080, -8.5821,
46.1232

 229.3710, 0.8031,
22.4766

 15.4770, -6.6442,
31.1537

 249.1300, 2.8939,
5.1480

 0.0000, 0.0000,
0.0000

■ 114.3550, -8.0630,
66.3407

■ 114.3550, -8.0630,
66.3407

■ 101.3780, -9.5534,
77.7215

■ 127.3320, -6.5727,
54.9598

■ 88.5150, -10.6069,
89.0023

■ 140.1950, -5.5191,
43.6790

■ 75.5380, -12.0972,
100.3832

■ 153.1720, -4.0288,
32.2982

■ 62.5610, -13.5876,
111.7640

■ 166.1490, -2.5385,
20.9173

■ 60.5720, -13.5930,
113.5084

■ 179.1260, -1.0481,
9.5365

■ 191.9890, 0.0054,
-1.7444

■ 204.9660, 1.4958,
-13.1252

■ 217.9430, 2.9861,

-24.5060

 230.9200, 4.4764,
-35.8868

Harmonies

Analogous

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



117.5010, 10.5990, 53.9346



114.3550, -8.0630, 66.3407



113.6040, -25.9338, 58.2293

Triad

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



114.3550, -8.0630, 66.3407



103.8200, -24.0683, -27.0291



96.0780, 48.2755, -84.2604

Complementary

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



114.3550, -8.0630, 66.3407



154.6450, 8.0630, -66.3407

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.



97.6790, 36.6403, -85.6645



114.3550, -8.0630, 66.3407



89.2600, 1.8438, -78.2810

Square

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



114.3550, -8.0630, 66.3407



109.4410, -39.1644, 8.3832



95.2220, 19.6106, -83.5097



111.7580, 40.5453, -31.3598

Rectangle

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



114.3550, -8.0630, 66.3407



113.2960, -35.6419, 45.3444



95.2220, 19.6106, -83.5097



97.1550, 44.7866, -85.2049

Sweetspot

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



114.3550, -8.0630, 66.3407



216.9540, -3.4283, 26.3503



118.8630, 35.0705, 44.8471



105.9420, -1.9434, 16.7139



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



114.3550, -8.0630, 66.3407



129.1470, -12.3975, 103.3571



132.7340, -26.4909, 50.2223



87.9190, -0.4531, 5.3330



50.3200, -11.4968, 94.4354



9.8390, -2.3856, 18.5582

Inverse Universe

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



114.3550, -8.0630, 66.3407



129.1470, -12.3975, 103.3571



136.2660, 26.4909, -50.2223



87.9190, -0.4531, 5.3330



50.3200, -11.4968, 94.4354



9.8390, -2.3856, 18.5582

Previews

White Background



This preview shows how the YUV color 114.3550, -8.0630, 66.3407 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 114.3550, -8.0630, 66.3407 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 114.3550, -8.0630, 66.3407

Background



This preview shows how black text looks on a background with the YUV color 114.3550, -8.0630, 66.3407.



This preview shows how white text looks on a background with the YUV color 114.3550, -8.0630,

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

114.3550, -8.0630, 66.3407

Protanopia

116.7120, 0.1420, 1.1296

Deuteranopia

117.0100, -11.8369, 16.6542



Tritanopia

113.8620, -13.7360, 65.8960

Trichromacy



Original Color

114.3550, -8.0630, 66.3407

Protanomaly

116.0570, -2.9861, 24.5060

Deuteranomaly

116.1740, -10.4388, 34.9274

Tritanomaly

113.7310, -11.6994, 66.0109

Monochromacy



Original Color

114.3550, -8.0630, 66.3407

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

114.0570, -2.9861, 24.5060

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.3550, -8.0630, 66.3407 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(190, 79, 98)` looks like.

```
.text, #text, p{  
    color:rgb(190, 79, 98)  
}
```

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(190, 79, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 79, 98) }
```

Border

The CSS property to change the border of an element to YUV 114.3550, -8.0630, 66.3407 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(190, 79, 98) }
```


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

```
.border{ border-color:rgb(190, 79, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 79, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 79, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 79, 98);  
box-shadow:4px 4px 4px 4px rgb(190, 79,  
98) }
```

Background

The CSS property to change the background color of an element to YUV 114.3550, -8.0630, 66.3407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 79, 98) }
```

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

```
.background{ background-color: rgb(190, 79,  
98) }
```

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