

Converting Colors

YUV(119.0890, 8.3371,
-14.1101)

Have a look what the booklet for
YUV(119.0890, 8.3371, -14.1101)
contains.

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Color

**YUV(119.0890, 8.3371,
-14.1101)**

Conversions

Conversions Part 1

Format	Color
Hex	677C88
RGB	103, 124, 136
RGB Percent	40%, 49%, 53%
CMY	0.5961, 0.5137, 0.4667
CMYK	0.24, 0.09, 0.00, 0.47
HSL	202°, 14%, 47%
HSV	202°, 24%, 53%
XYZ	17.2451, 19.0764, 26.0658
YIQ	119.0890, -16.3680, -0.7200

Conversions

Conversions Part 2

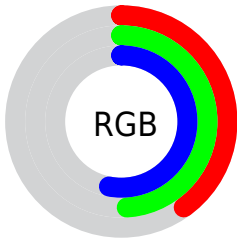
Format	Color
R_{YB}	103, 116, 136
Decimal	6782088
CIE _{Lab}	50.78, -4.77, -9.05
CIE _{LCh}	51, 10.232, 242.217
Yxy	19.0764, 0.2764, 0.3058
Android (android.graphics.Color)	4284972168 (0xFF677C88)
YUV	119.0890, 8.3371, -14.1101
Hunter-Lab	43.6766, -5.9557, -4.8101

Details

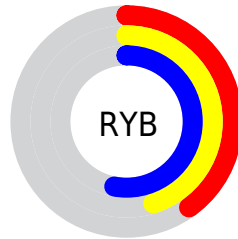
The YUV color **119.0890, 8.3371, -14.1101** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **119.9110, -8.3371, 14.1101**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.2030, 8.7739, -14.2100**, and **70.2740, 7.7529, -13.3953** is the 20% darker color. If you saturate the color by 10%, you get **111.9680, 11.8478, -20.1429**, and if you desaturate by 10%, it is **126.2100, 4.8265, -8.0772**.

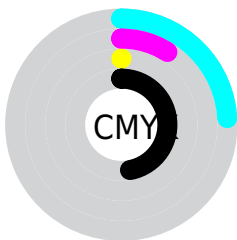
Distribution



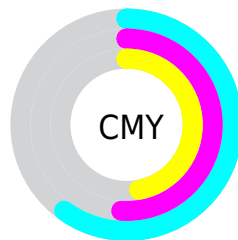
- Red (40%)
- Green (49%)
- Blue (53%)



- Red (40%)
- Yellow (45%)
- Blue (53%)



- Cyan (24%)
- Magenta (9%)
- Yellow (0%)
- Black (47%)



- Cyan (60%)
- Magenta (51%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.0890, 8.3371, -14.1101 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 119.0890, 8.3371, -14.1101 by changing the saturation by 10% instead.

■ 119.0890, 8.3371,
-14.1101

■ 119.0890, 8.3371,
-14.1101

■ 255.0000, 0.0000,
0.0000

■ 94.3880, 8.1897,
-13.4953

■ 171.2030, 8.7739,
-14.2100

■ 70.2740, 7.7529,
-13.3953

■ 198.9040, 8.9213,
-14.8248

■ 47.8610, 7.4635,
-13.9101

■ 226.7190, 9.5055,
-15.5396

■ 25.8610, 7.4635,
-13.9101

■ 249.9170, 2.5059,
-10.4512

■ 5.9160, 7.4364,
-5.1883

■ 0.0000, 0.0000,
0.0000

■ 119.0890, 8.3371,
-14.1101

■ 119.0890, 8.3371,
-14.1101

■ 111.9680, 11.8478,
-20.1429

■ 126.2100, 4.8265,
-8.0772

■ 105.1460, 15.2110,
-25.5610

■ 133.0320, 1.4632,
-2.6591

■ 98.0250, 18.7217,
-31.5939

■ 140.1530, -2.0474,
3.3738

■ 91.2030, 22.0849,
-37.0120

■ 146.9750, -5.4107,
8.7919

■ 84.0820, 25.5956,
-43.0449

■ 154.0960, -8.9213,
14.8248

■ 76.9610, 29.1062,
-49.0778

■ 161.2170,
-12.4320, 20.8577

■ 70.1390, 32.4695,
-54.4959

■ 168.0390,
-15.7952, 26.2758

■ 66.5730, 34.2275,

■ 175.1600,

-58.3845

-19.3059, 32.3087

 181.9820,
-22.6691, 37.7268

Harmonies

Analogous

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



118.3830, 5.7272, -16.9989



119.0890, 8.3371, -14.1101



120.2470, 8.7522, -7.2326

Triad

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



119.0890, 8.3371, -14.1101



122.8600, -0.9170, 14.1548



119.5670, -6.6885, -1.3743

Complementary

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



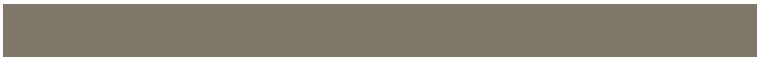
119.0890, 8.3371, -14.1101



119.9110, -8.3371, 14.1101

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.



120.2690, -8.0206, 5.9031



119.0890, 8.3371, -14.1101



122.4210, -5.1376, 14.5398

Square

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



119.0890, 8.3371, -14.1101



122.5650, 3.1725, 9.1515



121.7150, -7.7475, 11.6509



118.5490, -2.7357, -9.2515

Rectangle

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



119.0890, 8.3371, -14.1101



121.3510, 7.7150, -1.1848



121.7150, -7.7475, 11.6509



119.7630, -7.2782, 1.0848

Sweetspot

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



119.0890, 8.3371, -14.1101



169.4770, 3.2158, -4.8033



123.7390, -4.3083, -18.1881



85.7330, 1.6106, -3.2738



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



119.0890, 8.3371, -14.1101



149.5980, 13.0162, -21.5724



109.6970, 12.9674, -5.8733



65.1460, 1.9000, -2.7590



64.4700, 33.7853, -56.5402



2.3310, 1.3158, -2.0443

Inverse Universe

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



115.2610, 4.3083, 18.1881



143.8970, 6.4598, 28.1543



129.3030, -12.9674, 5.8733



64.5490, 0.7153, 3.9035



49.3430, 17.0859, 73.3672



1.8370, 0.5734, 2.7740

Previews

White Background



This preview shows how the YUV color 119.0890, 8.3371, -14.1101 looks on a white 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

Black Background



This preview shows how the YUV color 119.0890, 8.3371, -14.1101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

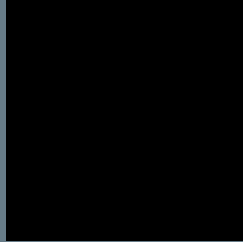
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

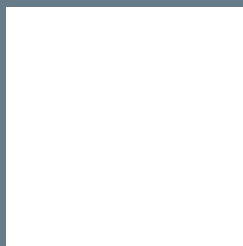
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 119.0890, 8.3371, -14.1101

Background



This preview shows how black text looks on a background with the YUV color 119.0890, 8.3371, -14.1101.



This preview shows how white text looks on a background with the YUV color 119.0890, 8.3371,

-14.1101.

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

119.0890, 8.3371, -14.1101

Protanopia

121.1830, 5.8258, -1.9145

Deuteranopia

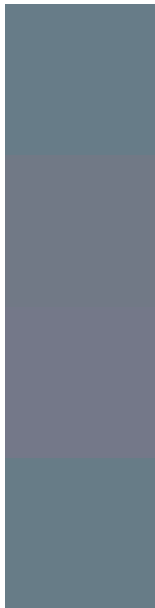
121.9600, 7.4147, 1.7891



Tritanopia

118.8610, 7.4635, -13.9101

Trichromacy



Original Color

119.0890, 8.3371, -14.1101

Protanomaly

120.0900, 6.8576, -6.2179

Deuteranomaly

120.7420, 8.0152, -4.1587

Tritanomaly

118.9750, 7.9003, -14.0101

Monochromacy



Original Color

119.0890, 8.3371, -14.1101

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

119.0640, 2.9264, -5.3181

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.0890, 8.3371, -14.1101 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(103, 124, 136)` looks like.

```
.text, #text, p{  
    color:rgb(103, 124, 136)  
}
```

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(103, 124, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 124, 136) }
```

Border

The CSS property to change the border of an element to YUV 119.0890, 8.3371, -14.1101 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(103, 124, 136) }
```


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

```
.border{ border-color:rgb(103, 124, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 124, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 124, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 124, 136);  
box-shadow:4px 4px 4px 4px rgb(103, 124,  
136) }
```

Background

The CSS property to change the background color of an element to YUV 119.0890, 8.3371, -14.1101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 124, 136) }
```

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

```
.background{ background-color: rgb(103,  
124, 136) }
```

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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