

Converting Colors

YUV(113.5290, 8.1202, 55.6641)

Have a look what the booklet for
YUV(113.5290, 8.1202, 55.6641)
contains.

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Color

**YUV(113.5290, 8.1202,
55.6641)**

Conversions

Conversions Part 1

Format	Color
Hex	B14E82
RGB	177, 78, 130
RGB Percent	69%, 31%, 51%
CMY	0.3059, 0.6941, 0.4902
CMYK	0.00, 0.56, 0.27, 0.31
HSL	328°, 39%, 50%
HSV	328°, 56%, 69%
XYZ	24.8851, 16.4076, 22.9745
YIQ	113.5290, 42.3120, 37.1600

Conversions

Conversions Part 2

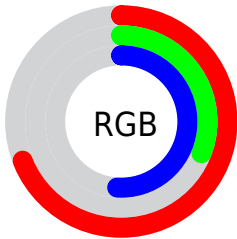
Format	Color
R_{YB}	177, 78, 130
Decimal	11619970
CIE Lab	47.50, 46.14, -9.58
CIE LCh	48, 47.124, 348.275
Yxy	16.4076, 0.3872, 0.2553
Android (android.graphics.Color)	4289810050 (0xFFB14E82)
YUV	113.5290, 8.1202, 55.6641
Hunter-Lab	40.5063, 38.7758, -5.2739

Details

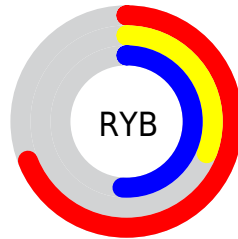
The YUV color **113.5290, 8.1202, 55.6641** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **141.4710, -8.1202, -55.6641**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.0240, 7.3832, 58.7380**, and **58.9140, 10.8884, 54.4494** is the 20% darker color. If you saturate the color by 10%, you get **102.0510, 9.8349, 65.7303**, and if you desaturate by 10%, it is **125.0070, 6.4055, 45.5979**.

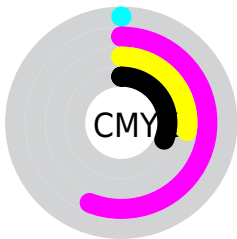
Distribution



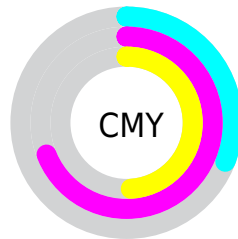
- Red (69%)
- Green (31%)
- Blue (51%)



- Red (69%)
- Yellow (31%)
- Blue (51%)



- Cyan (0%)
- Magenta (56%)
- Yellow (27%)
- Black (31%)



- Cyan (31%)
- Magenta (69%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the YUV color 113.5290, 8.1202, 55.6641 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 113.5290, 8.1202, 55.6641 by changing the saturation by 10% instead.


 113.5290, 8.1202,
55.6641


 113.5290, 8.1202,
55.6641


255.0000, 0.0000,
0.0000


 87.0450, 8.8518,
54.3345


 168.0240, 7.3832,
58.7380


 58.9140, 10.8884,
54.4494


 193.0450, 8.8518,
54.3345

 34.7180, 11.4780,
51.9903

 212.6730, 12.9792,
37.1208

 24.4360, 5.7011,
38.2056

 230.9330, 11.8650,
21.1068

 15.0510, -0.5181,
26.2653

 247.9560, 3.4727,
6.1776

 0.0000, 0.0000,
0.0000

113.5290, 8.1202,
55.6641

113.5290, 8.1202,
55.6641

102.0510, 9.8349,
65.7303

125.0070, 6.4055,
45.5979

91.0460, 10.8233,
75.3817

136.0120, 5.4171,
35.9465

79.5680, 12.5380,
85.4479

147.4900, 3.7024,
25.8803

67.9760, 13.8158,
95.6140

159.0820, 2.4246,
15.7141

63.5250, 14.5312,
99.5176

170.5600, 0.7099,
5.6479

181.4510, -0.7153,
-3.9035

193.0430, -1.9932,
-14.0697

204.5210, -3.7079,

-24.1359

■ 215.5260, -4.6963,
-33.7873

Harmonies

Analogous

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



116.2830, 24.5105, 25.1848



113.5290, 8.1202, 55.6641



110.7740, -10.2416, 65.0962

Triad

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



113.5290, 8.1202, 55.6641



105.5760, -37.2590, 3.8798



95.2170, 37.3610, -83.5053

Complementary

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



113.5290, 8.1202, 55.6641



141.4710, -8.1202, -55.6641

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.



92.9880, 21.2049, -81.5505



113.5290, 8.1202, 55.6641



99.8840, -21.1418, -32.3473

Square

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



113.5290, 8.1202, 55.6641



109.0080, -38.9509, 33.3190



87.7270, 3.5856, -76.9366



93.2740, 47.6859, -81.8013

Rectangle

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



113.5290, 8.1202, 55.6641



110.3530, -21.8660, 60.2034



87.7270, 3.5856, -76.9366



95.2510, 32.4143, -83.5351

Sweetspot

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



113.5290, 8.1202, 55.6641



204.3540, 3.2765, 22.4915



103.0400, 36.4623, 18.3819



100.2450, 1.8512, 12.9401



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



113.5290, 8.1202, 55.6641



131.2800, 12.6800, 86.5774



107.9430, -13.2829, 60.5630



83.2610, 0.8573, 5.0331



54.8670, 12.3906, 86.0626



9.2560, 1.8458, 14.6845

Inverse Universe

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



113.5290, 8.1202, 55.6641



131.2800, 12.6800, 86.5774



147.0570, 13.2829, -60.5630



83.2610, 0.8573, 5.0331



54.8670, 12.3906, 86.0626



9.2560, 1.8458, 14.6845

Previews

White Background



This preview shows how the YUV color 113.5290, 8.1202, 55.6641 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 113.5290, 8.1202, 55.6641 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

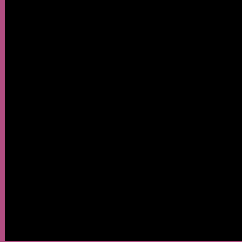
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 113.5290, 8.1202, 55.6641

Background



This preview shows how black text looks on a background with the YUV color 113.5290, 8.1202, 55.6641.



This preview shows how white text looks on a background with the YUV color 113.5290, 8.1202,

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

113.5290, 8.1202, 55.6641

Protanopia

113.3850, 19.5302, -10.8616

Deuteranopia

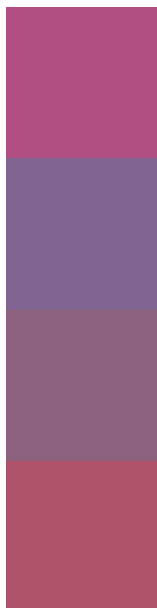
114.4010, 5.2253, 4.0333



Tritanopia

112.9960, -10.3510, 53.5005

Trichromacy



Original Color

113.5290, 8.1202, 55.6641

Protanomaly

113.8010, 15.3811, 13.3295

Deuteranomaly

113.8640, 6.4760, 22.9213

Tritanomaly

113.1300, -3.5151, 54.2600

Monochromacy



Original Color

113.5290, 8.1202, 55.6641

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.9300, 2.9925, 20.2324

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.5290, 8.1202, 55.6641 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(177, 78, 130)` looks like.

```
.text, #text, p{  
    color:rgb(177, 78, 130)  
}
```

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(177, 78, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 78, 130) }
```

Border

The CSS property to change the border of an element to YUV 113.5290, 8.1202, 55.6641 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(177, 78, 130) }
```


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

```
.border{ border-color:rgb(177, 78, 130) }
```

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

Here you see how a box with a 4 pixel rgb(177, 78, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 78, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 78, 130);  
box-shadow:4px 4px 4px 4px rgb(177, 78,  
130) }
```

Background

The CSS property to change the background color of an element to YUV 113.5290, 8.1202, 55.6641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 78, 130) }
```

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

```
.background{ background-color: rgb(177, 78,  
130) }
```

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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