

Converting Colors

YUV(89.3290, -5.0922, 93.5505)

Have a look what the booklet for
YUV(89.3290, -5.0922, 93.5505)
contains.

YUV(89.3290, -5.0922, 93.5505)	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(89.3290, -5.0922,
93.5505)**

Conversions

Conversions Part 1

Format	Color
Hex	C4254F
RGB	196, 37, 79
RGB Percent	77%, 15%, 31%
CMY	0.2314, 0.8549, 0.6902
CMYK	0.00, 0.81, 0.60, 0.23
HSL	344°, 68%, 46%
HSV	344°, 81%, 77%
XYZ	24.8378, 13.6234, 8.7176
YIQ	89.3290, 81.2820, 46.7700

Conversions

Conversions Part 2

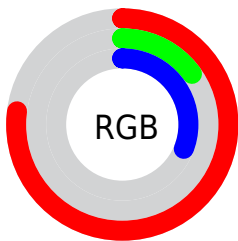
Format	Color
R_{YB}	196, 37, 79
Decimal	12854607
CIE _{Lab}	43.69, 62.39, 16.71
CIE _{LCh}	44, 64.588, 14.994
Yxy	13.6234, 0.5265, 0.2888
Android (android.graphics.Color)	4291044687 (0xFFC4254F)
YUV	89.3290, -5.0922, 93.5505
Hunter-Lab	36.9099, 55.5258, 11.8334

Details

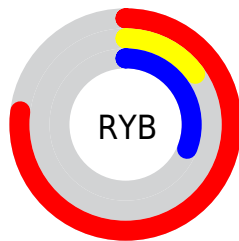
The YUV color **89.3290, -5.0922, 93.5505** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **143.6710, 5.0922, -93.5505**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.9500, -10.3284, 93.0058**, and **44.3550, -4.6120, 79.4957** is the 20% darker color. If you saturate the color by 10%, you get **75.9930, -5.4195, 105.2461**, and if you desaturate by 10%, it is **102.6650, -4.7648, 81.8548**.

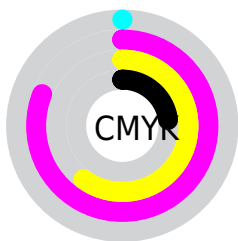
Distribution



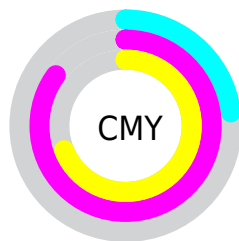
- Red (77%)
- Green (15%)
- Blue (31%)



- Red (77%)
- Yellow (15%)
- Blue (31%)



- Cyan (0%)
- Magenta (81%)
- Yellow (60%)
- Black (23%)





- Cyan (23%)
- Magenta (85%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the YUV color 89.3290, -5.0922, 93.5505 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 89.3290, -5.0922, 93.5505 by changing the saturation by 10% instead.


 89.3290, -5.0922,
93.5505


 89.3290, -5.0922,
93.5505


255.0000, 0.0000,
0.0000

 55.7190, 0.1385,
95.8394


 148.9500,
-10.3284, 93.0058

 44.3550, -4.6120,
79.4957


 168.9370, -7.3639,
75.4773

 33.1050, -8.9258,
63.0519

 188.3370, -4.1101,
58.4635

 22.9520, -10.3293,
46.5231

 208.5520, -0.2721,
40.7349

 13.9820, -5.9071,
28.0798

 228.7670, 3.5659,
23.0063

 0.0000, 0.0000,
0.0000

 248.5430, 3.1833,

5.6628

■ 89.3290, -5.0922,
93.5505

■ 89.3290, -5.0922,
93.5505

■ 75.9930, -5.4195,
105.2461

■ 102.6650, -4.7648,
81.8548

■ 64.5320, -6.1783,
115.2974

■ 115.5280, -3.7113,
70.5739

■ 128.8640, -3.3840,
58.8783

■ 141.7270, -2.3304,
47.5974

■ 155.0630, -2.0031,
35.9017

■ 168.5130, -1.2389,
24.1061

■ 181.2620, -0.6222,
12.9252

■ 194.5980, -0.2948,
1.2296

■ 207.4610, 0.7587,
-10.0513

Harmonies

Analogous

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



95.3050, 18.0906, 77.7855



89.3290, -5.0922, 93.5505



94.7650, -33.4081, 75.6281

Triad

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



89.3290, -5.0922, 93.5505



80.0660, -34.0495, -45.6619



92.3910, 56.9952, -81.0269

Complementary

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



89.3290, -5.0922, 93.5505



143.6710, 5.0922, -93.5505

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.



93.7810, 42.0130, -82.2459



89.3290, -5.0922, 93.5505



81.6970, -4.2876, -71.6483

Square

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



89.3290, -5.0922, 93.5505



94.1820, -46.4317, 5.9794



89.3690, 20.0311, -78.3766



82.9990, 61.6255, -72.7901

Rectangle

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



89.3290, -5.0922, 93.5505



96.5610, -47.6046, 55.6360



89.3690, 20.0311, -78.3766



93.9410, 52.7801, -82.3863

Sweetspot

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



89.3290, -5.0922, 93.5505



214.0630, -2.0031, 35.9017



90.1090, 52.2043, 56.0324



103.0890, -1.5229, 21.8469



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



89.3290, -5.0922, 93.5505



89.2630, -8.0177, 145.3513



106.2600, -34.1452, 78.7020



90.3320, -0.1637, 5.8478



52.9270, -5.3870, 94.7800



10.8930, -0.9332, 19.3878

Inverse Universe

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



89.3290, -5.0922, 93.5505



89.2630, -8.0177, 145.3513



126.7400, 34.1452, -78.7020



90.3320, -0.1637, 5.8478



52.9270, -5.3870, 94.7800



10.8930, -0.9332, 19.3878

Previews

White Background



This preview shows how the YUV color 89.3290, -5.0922, 93.5505 looks on a white background.

Color Contrast Check

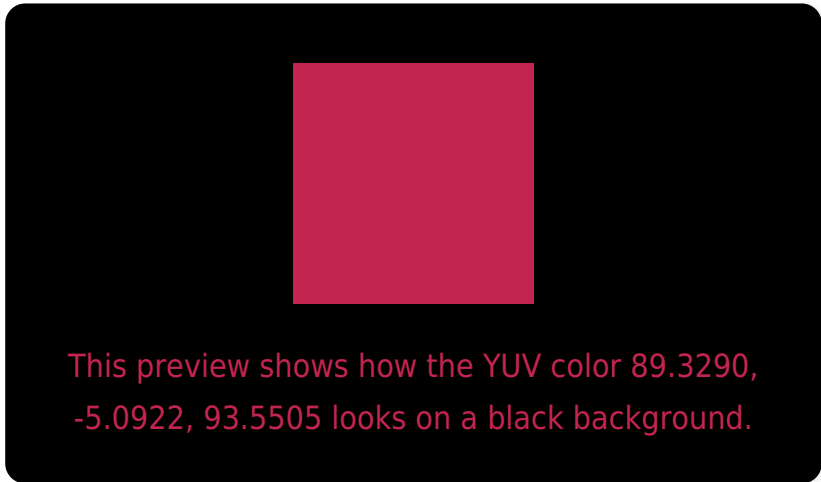
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

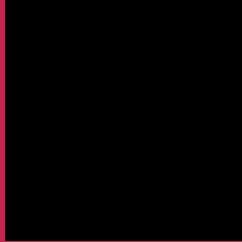
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.3290, -5.0922, 93.5505

Background



This preview shows how black text looks on a background with the YUV color 89.3290, -5.0922, 93.5505.



This preview shows how white text looks on a background with the YUV color 89.3290, -5.0922,

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

89.3290, -5.0922, 93.5505

Protanopia

104.8690, 2.0366, 0.1149

Deuteranopia

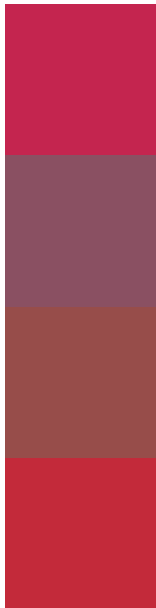
104.1690, -16.3523, 18.2688



Tritanopia

89.9640, -21.6743, 92.1166

Trichromacy



Original Color

89.3290, -5.0922, 93.5505

Protanomaly

99.3940, -0.6872, 33.8575

Deuteranomaly

98.7840, -12.2185, 45.7934

Tritanomaly

89.5710, -15.5645, 92.4612

Monochromacy



Original Color

89.3290, -5.0922, 93.5505

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

89.0520, -1.9976, 34.1574

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.3290, -5.0922, 93.5505 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(196, 37, 79)` looks like.

```
.text, #text, p{  
    color:rgb(196, 37, 79)  
}
```

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(196, 37, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 37, 79) }
```

Border

The CSS property to change the border of an element to YUV 89.3290, -5.0922, 93.5505 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(196, 37, 79) }
```


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

```
.border{ border-color:rgb(196, 37, 79) }
```

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

Here you see how a box with a 4 pixel rgb(196, 37, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 37, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 37, 79);  
box-shadow:4px 4px 4px 4px rgb(196, 37,  
79) }
```

Background

The CSS property to change the background color of an element to YUV 89.3290, -5.0922, 93.5505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 37, 79) }
```

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

```
.background{ background-color: rgb(196, 37,  
79) }
```

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