

Converting Colors

YUV(103.2090, -6.5120,
82.2547)

Have a look what the booklet for
YUV(103.2090, -6.5120, 82.2547)
contains.

YUV(103.2090, -6.5120, 82.2547)	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(103.2090, -6.5120,
82.2547)**

Conversions

Conversions Part 1

Format	Color
Hex	C53A5A
RGB	197, 58, 90
RGB Percent	77%, 23%, 35%
CMY	0.2275, 0.7725, 0.6471
CMYK	0.00, 0.71, 0.54, 0.23
HSL	346°, 55%, 50%
HSV	346°, 71%, 77%
XYZ	26.3845, 15.6346, 11.3000
YIQ	103.2090, 72.5720, 39.4200

Conversions

Conversions Part 2

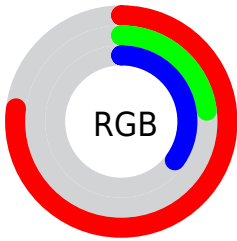
Format	Color
R_{YB}	197, 58, 90
Decimal	12925530
CIE Lab	46.49, 56.81, 13.76
CIE LCh	46, 58.449, 13.613
Yxy	15.6346, 0.4948, 0.2932
Android (android.graphics.Color)	4291115610 (0xFFC53A5A)
YUV	103.2090, -6.5120, 82.2547
Hunter-Lab	39.5406, 49.9125, 10.7344

Details

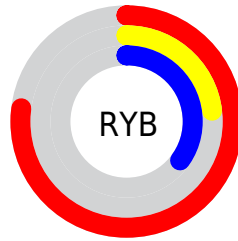
The YUV color **103.2090, -6.5120, 82.2547** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **151.7910, 6.5120, -82.2547**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.7100, -9.7170, 83.5693**, and **46.0930, -0.5388, 79.7254** is the 20% darker color. If you saturate the color by 10%, you get **89.7590, -7.2762, 94.0504**, and if you desaturate by 10%, it is **116.6590, -5.7479, 70.4591**.

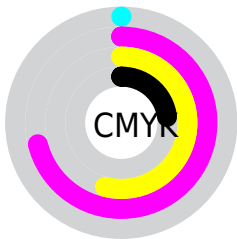
Distribution



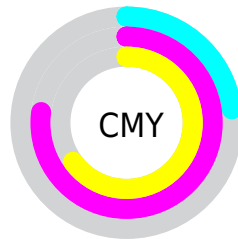
- Red (77%)
- Green (23%)
- Blue (35%)



- Red (77%)
- Yellow (23%)
- Blue (35%)



- Cyan (0%)
- Magenta (71%)
- Yellow (54%)
- Black (23%)



- Cyan (23%)
- Magenta (77%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the YUV color 103.2090, -6.5120, 82.2547 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 103.2090, -6.5120, 82.2547 by changing the saturation by 10% instead.


 103.2090, -6.5120,
82.2547


 103.2090, -6.5120,
82.2547


255.0000, 0.0000,
0.0000


 71.6590, -2.2969,
83.6141


 159.7100, -9.7170,
83.5693

 46.0930, -0.5388,
79.7254


 178.5230, -6.1738,
67.0703


 35.1420, -5.0000,
63.8965

 198.6240, -2.7726,
49.4418

 23.6210, -11.6452,
48.5674

 218.2520, 1.3548,
32.2280

 15.4770, -6.6442,
31.1537

 238.5810, 5.6296,
14.3995

 0.0000, 0.0000,
0.0000

■ 103.2090, -6.5120,
82.2547

■ 103.2090, -6.5120,
82.2547

■ 89.7590, -7.2762,
94.0504

■ 116.6590, -5.7479,
70.4591

■ 76.8960, -8.3297,
105.3312

■ 129.5220, -4.6943,
59.1782

■ 64.0330, -9.3833,
116.6121

■ 142.9720, -3.9302,
47.3826

■ 156.5360, -2.7292,
35.4869

■ 169.9860, -1.9651,
23.6913

■ 182.8490, -0.9116,
12.4104

■ 196.2990, -0.1474,
0.6148

■ 209.7490, 0.6167,

-11.1809

■ 222.6120, 1.6703,
-22.4617

Harmonies

Analogous

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



107.8430, 15.3604, 66.7897



103.2090, -6.5120, 82.2547



104.9430, -30.0449, 70.2100

Triad

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



103.2090, -6.5120, 82.2547



93.0550, -30.5931, -34.2512



95.5710, 53.9485, -83.8158

Complementary

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



103.2090, -6.5120, 82.2547



151.7910, 6.5120, -82.2547

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.



97.0750, 39.4030, -85.1348



103.2090, -6.5120, 82.2547



86.1310, -2.5296, -75.5369

Square

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



103.2090, -6.5120, 82.2547



100.9930, -49.7895, 9.6531



93.1190, 19.1683, -81.6654



97.3450, 53.5669, -54.6766

Rectangle

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



103.2090, -6.5120, 82.2547



104.3050, -45.9994, 54.1065



93.1190, 19.1683, -81.6654



96.5340, 50.0227, -84.6603

Sweetspot

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



103.2090, -6.5120, 82.2547



218.6280, -2.2816, 31.8982



105.8390, 44.9424, 51.8842



106.3660, -1.6594, 18.9730



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.



103.2090, -6.5120, 82.2547



108.5830, -10.1474, 128.4077



121.2800, -31.1970, 66.4064



92.9190, -0.4531, 5.3330



53.0690, -7.4290, 96.4095



11.6760, -1.8123, 21.3321

Inverse Universe

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



103.2090, -6.5120, 82.2547



108.5830, -10.1474, 128.4077



133.7200, 31.1970, -66.4064



92.9190, -0.4531, 5.3330



53.0690, -7.4290, 96.4095



11.6760, -1.8123, 21.3321

Previews

White Background



This preview shows how the YUV color 103.2090, -6.5120, 82.2547 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 103.2090, -6.5120, 82.2547 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

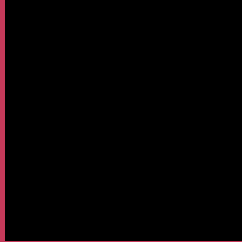
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 103.2090, -6.5120, 82.2547

Background



This preview shows how black text looks on a background with the YUV color 103.2090, -6.5120, 82.2547.



This preview shows how white text looks on a background with the YUV color 103.2090, -6.5120,

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

103.2090, -6.5120, 82.2547

Protanopia

110.9830, 2.4734, 0.0149

Deuteranopia

110.8530, -13.7315, 17.6689



Tritanopia

103.1090, -18.2947, 81.4654

Trichromacy



Original Color

103.2090, -6.5120, 82.2547

Protanomaly

108.0730, -0.5290, 29.7540

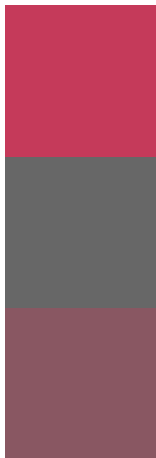
Deuteranomaly

108.3920, -11.0393, 40.8752

Tritanomaly

102.9610, -13.7848, 81.5952

Monochromacy



Original Color

103.2090, -6.5120, 82.2547

Achromatopsia

103.0000, 0.0000, 0.0000

Achromatomaly

103.2040, -2.5656, 29.6391

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.2090, -6.5120, 82.2547 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(197, 58, 90)` looks like.

```
.text, #text, p{  
    color:rgb(197, 58, 90)  
}
```

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(197, 58, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 58, 90) }
```

Border

The CSS property to change the border of an element to YUV 103.2090, -6.5120, 82.2547 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(197, 58, 90) }
```


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

```
.border{ border-color:rgb(197, 58, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 58, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 58, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 58, 90);  
box-shadow:4px 4px 4px 4px rgb(197, 58,  
90) }
```

Background

The CSS property to change the background color of an element to YUV 103.2090, -6.5120, 82.2547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 58, 90) }
```

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

```
.background{ background-color: rgb(197, 58,  
90) }
```

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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