

Converting Colors

YUV(103.1820, -5.5127,
88.4174)

Have a look what the booklet for
YUV(103.1820, -5.5127, 88.4174)
contains.

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Color

**YUV(103.1820, -5.5127,
88.4174)**

Conversions

Conversions Part 1

Format	Color
Hex	CC365C
RGB	204, 54, 92
RGB Percent	80%, 21%, 36%
CMY	0.2000, 0.7882, 0.6392
CMYK	0.00, 0.74, 0.55, 0.20
HSL	345°, 60%, 51%
HSV	345°, 74%, 80%
XYZ	28.1528, 16.2484, 11.7777
YIQ	103.1820, 77.2020, 43.6180

Conversions

Conversions Part 2

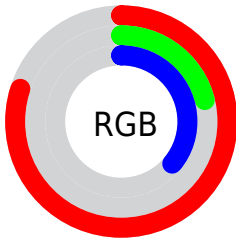
Format	Color
RYB	204, 54, 92
Decimal	13383260
CIELab	47.30, 60.46, 13.84
CIElCh	47, 62.022, 12.896
Yxy	16.2484, 0.5011, 0.2892
Android (android.graphics.Color)	4291573340 (0xFFCC365C)
YUV	103.1820, -5.5127, 88.4174
Hunter-Lab	40.3093, 54.1264, 10.8931

Details

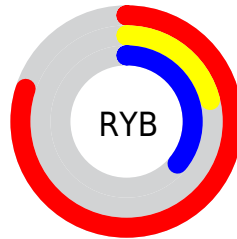
The YUV color **103.1820, -5.5127, 88.4174** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **154.8180, 5.5127, -88.4174**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.1770, -7.9753, 84.9138**, and **48.1150, -0.5497, 83.2141** is the 20% darker color. If you saturate the color by 10%, you get **89.7320, -6.2769, 100.2130**, and if you desaturate by 10%, it is **116.6320, -4.7486, 76.6217**.

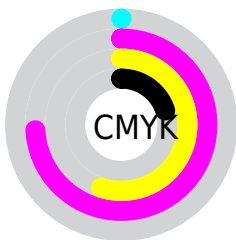
Distribution



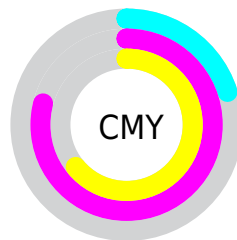
- Red (80%)
- Green (21%)
- Blue (36%)



- Red (80%)
- Yellow (21%)
- Blue (36%)



- Cyan (0%)
- Magenta (74%)
- Yellow (55%)
- Black (20%)





- Cyan (20%)
- Magenta (79%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.1820, -5.5127, 88.4174 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 103.1820, -5.5127, 88.4174 by changing the saturation by 10% instead.


 103.1820, -5.5127,
88.4174


 103.1820, -5.5127,
88.4174


255.0000, 0.0000,
0.0000


 68.6970, 0.1494,
92.3507


 158.1770, -7.9753,
84.9138

 48.1150, -0.5497,
83.2141


 178.1640, -5.0109,
67.3852

 37.1640, -5.0109,
67.3852


 197.6780, -1.3203,
50.2714

 25.4150, -12.5296,
52.2560

 217.8930, 2.5178,
32.5428

 17.2710, -7.5286,
34.8423

 238.2220, 6.7926,
14.7143

 4.1860, -2.0637,
8.6069

 0.0000, 0.0000,

0.0000

■ 103.1820, -5.5127,
88.4174

■ 103.1820, -5.5127,
88.4174

■ 89.7320, -6.2769,
100.2130

■ 116.6320, -4.7486,
76.6217

■ 75.6950, -6.7516,
112.5235

■ 130.6690, -4.2738,
64.3113

■ 66.9240, -7.3575,
120.2157

■ 144.2330, -3.0729,
52.4157

■ 158.2700, -2.5981,
40.1052

■ 171.7200, -1.8340,
28.3096

■ 185.1700, -1.0698,
16.5139

■ 199.3210, -0.1583,
4.1035

■ 212.7710, 0.6059,
-7.6922

■ 226.8080, 1.0807,
-20.0026

Harmonies

Analogous

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



109.0330, 17.2387, 71.0081



103.1820, -5.5127, 88.4174



105.6340, -31.3716, 75.7430

Triad

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



103.1820, -5.5127, 88.4174



93.4200, -34.2241, -36.3253



98.1300, 56.1379, -86.0600

Complementary

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



103.1820, -5.5127, 88.4174



154.8180, 5.5127, -88.4174

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.



99.4060, 40.7188, -87.1791



103.1820, -5.5127, 88.4174



87.6640, -4.2714, -76.8813

Square

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



103.1820, -5.5127, 88.4174



103.0640, -50.8106, 10.4679



95.1080, 19.1738, -83.4097



89.6670, 61.7892, -78.6380

Rectangle

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



103.1820, -5.5127, 88.4174



105.1870, -50.3782, 58.5950



95.1080, 19.1738, -83.4097



99.6800, 51.9228, -87.4194

Sweetspot

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



103.1820, -5.5127, 88.4174



217.3400, -2.1396, 33.0278



103.9900, 49.3049, 52.6288



105.1920, -1.0807, 20.0026



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.



103.1820, -5.5127, 88.4174



104.3600, -8.5585, 132.1113



119.3950, -32.2397, 74.1986



95.2180, -0.6005, 5.9478



54.4220, -6.1240, 97.8539



12.5020, -1.2335, 22.3617

Inverse Universe

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



103.1820, -5.5127, 88.4174



104.3600, -8.5585, 132.1113



138.6050, 32.2397, -74.1986



95.2180, -0.6005, 5.9478



54.4220, -6.1240, 97.8539



12.5020, -1.2335, 22.3617

Previews

White Background



This preview shows how the YUV color 103.1820, -5.5127, 88.4174 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 103.1820, -5.5127, 88.4174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

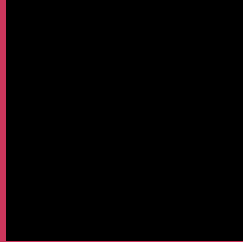
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 103.1820, -5.5127, 88.4174

Background



This preview shows how black text looks on a background with the YUV color 103.1820, -5.5127, 88.4174.



This preview shows how white text looks on a background with the YUV color 103.1820, -5.5127,

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

103.1820, -5.5127, 88.4174

Protanopia

113.3250, 3.7838, -0.2850

Deuteranopia

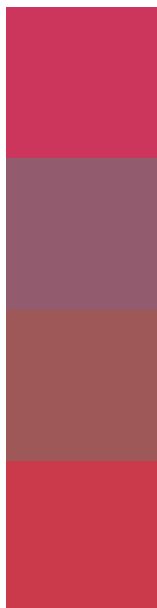
112.8530, -13.7315, 17.6689



Tritanopia

103.0990, -19.7688, 87.6132

Trichromacy



Original Color

103.1820, -5.5127, 88.4174

Protanomaly

109.6110, 0.1918, 31.9132

Deuteranomaly

109.2290, -10.4659, 43.6492

Tritanomaly

103.1790, -14.3852, 87.5430

Monochromacy



Original Color

103.1820, -5.5127, 88.4174

Achromatopsia

103.0000, 0.0000, 0.0000

Achromatomaly

103.0410, -1.9922, 32.4130

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.1820, -5.5127, 88.4174 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(204, 54, 92)` looks like.

```
.text, #text, p{  
    color:rgb(204, 54, 92)  
}
```

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(204, 54, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 54, 92) }
```

Border

The CSS property to change the border of an element to YUV 103.1820, -5.5127, 88.4174 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(204, 54, 92) }
```


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

```
.border{ border-color:rgb(204, 54, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 54, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 54, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 54, 92);  
box-shadow:4px 4px 4px 4px rgb(204, 54,  
92) }
```

Background

The CSS property to change the background color of an element to YUV 103.1820, -5.5127, 88.4174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 54, 92) }
```

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

```
.background{ background-color: rgb(204, 54,  
92) }
```

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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