

Converting Colors

YUV(106.8450, -7.8116,
79.0659)

Have a look what the booklet for
YUV(106.8450, -7.8116, 79.0659)
contains.

YUV(106.8450, -7.8116, 79.0659)	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(106.8450, -7.8116,
79.0659)**

Conversions

Conversions Part 1

Format	Color
Hex	C5405B
RGB	197, 64, 91
RGB Percent	77%, 25%, 36%
CMY	0.2275, 0.7490, 0.6431
CMYK	0.00, 0.68, 0.54, 0.23
HSL	348°, 53%, 51%
HSV	348°, 68%, 77%
XYZ	26.7477, 16.2924, 11.6325
YIQ	106.8450, 70.6010, 36.5930

Conversions

Conversions Part 2

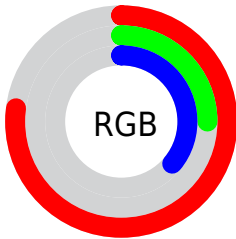
Format	Color
R_{YB}	197, 64, 91
Decimal	12927067
CIE _{Lab}	47.36, 54.57, 14.33
CIE _{LCh}	47, 56.422, 14.717
Yxy	16.2924, 0.4892, 0.2980
Android (android.graphics.Color)	4291117147 (0xFFC5405B)
YUV	106.8450, -7.8116, 79.0659
Hunter-Lab	40.3639, 47.6486, 11.1679

Details

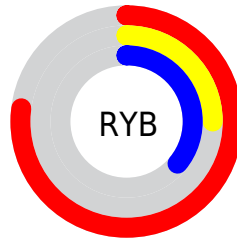
The YUV color **106.8450, -7.8116, 79.0659** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **154.1550, 7.8116, -79.0659**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.1720, -10.4378, 81.4102**, and **46.2070, -0.1021, 79.6255** is the 20% darker color. If you saturate the color by 10%, you get **93.2810, -9.0125, 90.9616**, and if you desaturate by 10%, it is **120.4090, -6.6106, 67.1703**.

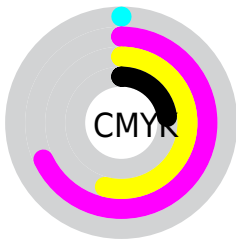
Distribution



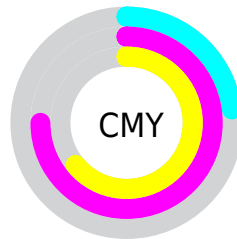
- Red (77%)
- Green (25%)
- Blue (36%)



- Red (77%)
- Yellow (25%)
- Blue (36%)



- Cyan (0%)
- Magenta (68%)
- Yellow (54%)
- Black (23%)



- Cyan (23%)
- Magenta (75%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.8450, -7.8116, 79.0659 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 106.8450, -7.8116, 79.0659 by changing the saturation by 10% instead.

■ 106.8450, -7.8116,
79.0659

■ 106.8450, -7.8116,
79.0659

■ 255.0000, 0.0000,
0.0000

■ 77.0560, -4.4646,
78.8809

■ 162.1720,
-10.4378, 81.4102

■ 46.2070, -0.1021,
79.6255

■ 181.5720, -7.1840,
64.3964

■ 35.2560, -4.5632,
63.7965

■ 201.0860, -3.4934,
47.2826

■ 23.9200, -11.7926,
49.1822

■ 221.3010, 0.3446,
29.5540

■ 15.7760, -6.7916,
31.7684

■ 241.6300, 4.6194,
11.7255

■ 0.0000, 0.0000,
0.0000

■ 106.8450, -7.8116,
79.0659

■ 106.8450, -7.8116,
79.0659

■ 93.2810, -9.0125,
90.9616

■ 120.4090, -6.6106,
67.1703

■ 80.4180, -10.0661,
102.2424

■ 133.2720, -5.5571,
55.8895

■ 66.8540, -11.2670,
114.1380

■ 146.8360, -4.3561,
43.9938

■ 63.4630, -11.5673,
117.1119

■ 160.4000, -3.1552,
32.0982

■ 173.9640, -1.9543,
20.2026

■ 186.8270, -0.9007,
8.9217

■ 200.3910, 0.3002,
-2.9739

■ 213.9550, 1.5012,

-14.8695

■ 226.8180, 2.5547,
-26.1504

Harmonies

Analogous

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



111.0770, 13.7660, 64.8305



106.8450, -7.8116, 79.0659



107.6330, -29.8921, 67.8509

Triad

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



106.8450, -7.8116, 79.0659



95.9240, -28.5565, -34.1363



96.6310, 52.9329, -84.7454

Complementary

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



106.8450, -7.8116, 79.0659



154.1550, 7.8116, -79.0659

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.



97.7760, 39.5504, -85.7496



106.8450, -7.8116, 79.0659



87.8750, -0.9244, -77.0664

Square

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



106.8450, -7.8116, 79.0659



102.4660, -50.5157, 9.2383



94.0480, 20.1893, -82.4801



104.0860, 49.7506, -43.9254

Rectangle

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



106.8450, -7.8116, 79.0659



107.4510, -44.0993, 51.3475



94.0480, 20.1893, -82.4801



97.7080, 49.4440, -85.6899

Sweetspot

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



106.8450, -7.8116, 79.0659



220.3890, -3.1498, 30.3538



110.2580, 42.7638, 50.6397



106.9530, -1.9488, 18.4582



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.



106.8450, -7.8116, 79.0659



114.6810, -12.1677, 123.0598



126.0730, -30.6020, 62.2030



92.9190, -0.4531, 5.3330



52.4990, -9.6130, 96.9094



11.5620, -2.2491, 21.4321

Inverse Universe

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



106.8450, -7.8116, 79.0659



114.6810, -12.1677, 123.0598



134.9270, 30.6020, -62.2030



92.9190, -0.4531, 5.3330



52.4990, -9.6130, 96.9094



11.5620, -2.2491, 21.4321

Previews

White Background



This preview shows how the YUV color 106.8450, -7.8116, 79.0659 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 106.8450, -7.8116, 79.0659 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

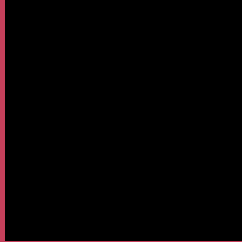
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 106.8450, -7.8116, 79.0659

Background



This preview shows how black text looks on a background with the YUV color 106.8450, -7.8116, 79.0659.



This preview shows how white text looks on a background with the YUV color 106.8450, -7.8116,

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

106.8450, -7.8116, 79.0659

Protanopia

112.9400, 1.0156, 0.9296

Deuteranopia

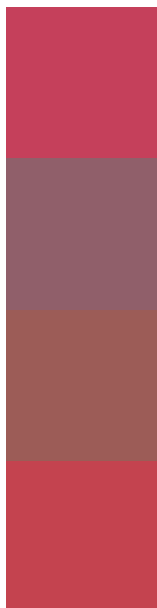
112.8530, -13.7315, 17.6689



Tritanopia

106.7280, -17.1209, 78.2915

Trichromacy



Original Color

106.8450, -7.8116, 79.0659

Protanomaly

110.9050, -2.4182, 29.0243

Deuteranomaly

110.5660, -11.6180, 39.8456

Tritanomaly

106.9390, -13.7739, 78.1065

Monochromacy



Original Color

106.8450, -7.8116, 79.0659

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

106.7910, -2.8550, 29.1243

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.8450, -7.8116, 79.0659 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, 64, 91)` looks like.

```
.text, #text, p{  
    color:rgb(197, 64, 91)  
}
```

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, 64, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 64, 91) }
```

Border

The CSS property to change the border of an element to YUV 106.8450, -7.8116, 79.0659 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, 64, 91) }
```


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

```
.border{ border-color:rgb(197, 64, 91) }
```

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

Here you see how a box with a 4 pixel rgb(197, 64, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 64, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 64, 91);  
box-shadow:4px 4px 4px 4px rgb(197, 64,  
91) }
```

Background

The CSS property to change the background color of an element to YUV 106.8450, -7.8116, 79.0659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 64, 91) }
```

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

```
.background{ background-color: rgb(197, 64,  
91) }
```

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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