

Converting Colors

YUV(104.6170, -8.6852,
79.2659)

Have a look what the booklet for
YUV(104.6170, -8.6852, 79.2659)
contains.

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Color

**YUV(104.6170, -8.6852,
79.2659)**

Conversions

Conversions Part 1

Format	Color
Hex	C33E57
RGB	195, 62, 87
RGB Percent	76%, 24%, 34%
CMY	0.2353, 0.7569, 0.6588
CMYK	0.00, 0.68, 0.55, 0.24
HSL	349°, 53%, 50%
HSV	349°, 68%, 76%
XYZ	25.9486, 15.7355, 10.6864
YIQ	104.6170, 71.2430, 35.9710

Conversions

Conversions Part 2

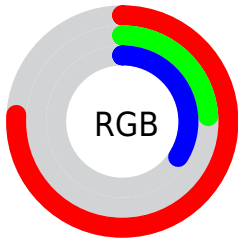
Format	Color
R _Y B	195, 62, 87
Decimal	12795479
CIE Lab	46.63, 54.42, 15.72
CIE LCh	47, 56.648, 16.112
Yxy	15.7355, 0.4955, 0.3005
Android (android.graphics.Color)	4290985559 (0xFFC33E57)
YUV	104.6170, -8.6852, 79.2659
Hunter-Lab	39.6680, 47.3460, 11.7950

Details

The YUV color **104.6170, -8.6852, 79.2659** 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 **152.3830, 8.6852, -79.2659**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.5420, -11.6062, 82.8397**, and **45.1530, -1.5544, 78.7958** is the 20% darker color. If you saturate the color by 10%, you get **91.6400, -10.1755, 90.6467**, and if you desaturate by 10%, it is **118.1810, -7.4842, 67.3703**.

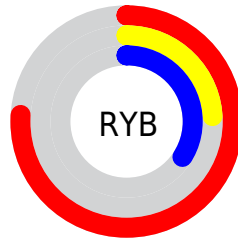
Distribution



Red (76%)

Green (24%)

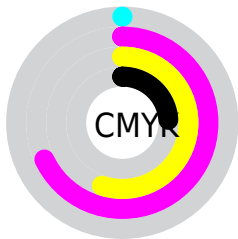
Blue (34%)



Red (76%)

Yellow (24%)

Blue (34%)

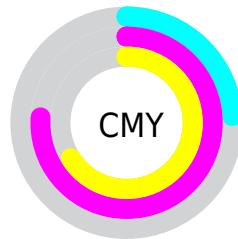


Cyan (0%)

Magenta (68%)

Yellow (55%)

Black (24%)



Cyan (24%)

Magenta (76%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.6170, -8.6852, 79.2659 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 104.6170, -8.6852, 79.2659 by changing the saturation by 10% instead.

■ 104.6170, -8.6852,
79.2659

■ 104.6170, -8.6852,
79.2659

255.0000, 0.0000,
0.0000

■ 74.8280, -5.3382,
79.0808

■ 160.5420,
-11.6062, 82.8397

■ 45.1530, -1.5544,
78.7958

■ 179.9420, -8.3524,
65.8259

■ 34.2020, -6.0156,
62.9668

■ 199.4560, -4.6618,
48.7121

■ 23.0230, -11.3503,
47.3378

■ 219.6710, -0.8238,
30.9835

■ 15.1780, -6.4968,
30.5389

■ 239.8860, 3.0142,
13.2550

■ 0.0000, 0.0000,
0.0000

■ 104.6170, -8.6852,
79.2659

■ 104.6170, -8.6852,
79.2659

■ 91.6400, -10.1755,
90.6467

■ 118.1810, -7.4842,
67.3703

■ 78.0760, -11.3765,
102.5423

■ 131.1580, -5.9939,
55.9894

■ 65.0990, -12.8668,
113.9232

■ 144.7220, -4.7929,
44.0938

■ 62.5230, -12.5828,
116.1823

■ 157.5850, -3.7394,
32.8130

■ 171.1490, -2.5385,
20.9173

■ 184.1260, -1.0481,
9.5365

■ 197.6900, 0.1528,
-2.3591

■ 210.6670, 1.6432,

-13.7400

■ 224.2310, 2.8441,
-25.6356

Harmonies

Analogous

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



108.5610, 13.0344, 66.1600



104.6170, -8.6852, 79.2659



105.6930, -30.9076, 66.9212

Triad

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



104.6170, -8.6852, 79.2659



93.2440, -27.2353, -37.9250



94.7560, 53.3643, -83.1010

Complementary

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



104.6170, -8.6852, 79.2659



152.3830, 8.6852, -79.2659

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.



96.6020, 40.1292, -84.7200



104.6170, -8.6852, 79.2659



86.7010, -0.3456, -76.0368

Square

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



104.6170, -8.6852, 79.2659



100.6830, -49.6367, 7.2940



92.9880, 21.2049, -81.5505



103.2930, 49.1556, -39.7220

Rectangle

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



104.6170, -8.6852, 79.2659



105.3970, -45.5517, 50.5178



92.9880, 21.2049, -81.5505



96.4200, 49.5859, -84.5603

Sweetspot

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



104.6170, -8.6852, 79.2659



217.9760, -3.4392, 29.8390



108.8560, 42.4690, 51.8693



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.



104.6170, -8.6852, 79.2659



111.3390, -13.4781, 123.3597



125.2470, -31.1808, 61.1734



90.2180, -0.6005, 5.9478



51.5590, -10.6286, 95.9798



10.5510, -2.2436, 19.6878

Inverse Universe

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



104.6170, -8.6852, 79.2659



111.3390, -13.4781, 123.3597



131.7530, 31.1808, -61.1734



90.2180, -0.6005, 5.9478



51.5590, -10.6286, 95.9798



10.5510, -2.2436, 19.6878

Previews

White Background



This preview shows how the YUV color 104.6170, -8.6852, 79.2659 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 104.6170, -8.6852, 79.2659 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

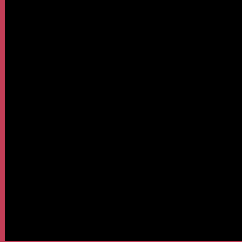
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 104.6170, -8.6852, 79.2659

Background



This preview shows how black text looks on a background with the YUV color 104.6170, -8.6852, 79.2659.



This preview shows how white text looks on a background with the YUV color 104.6170, -8.6852,

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

104.6170, -8.6852, 79.2659

Protanopia

111.5980, -0.2948, 1.2296

Deuteranopia

111.5110, -15.0419, 17.9689



Tritanopia

104.0270, -17.2683, 78.9063

Trichromacy



Original Color

104.6170, -8.6852, 79.2659

Protanomaly

108.9760, -3.4392, 29.8390

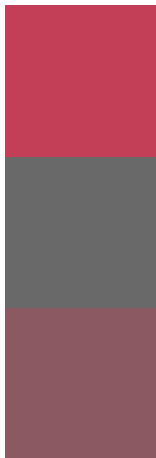
Deuteranomaly

109.2240, -12.9284, 40.1456

Tritanomaly

104.2380, -13.9213, 78.7213

Monochromacy



Original Color

104.6170, -8.6852, 79.2659

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

104.6770, -3.2918, 29.2243

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.6170, -8.6852, 79.2659 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(195, 62, 87)` looks like.

```
.text, #text, p{  
    color:rgb(195, 62, 87)  
}
```

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(195, 62, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 62, 87) }
```

Border

The CSS property to change the border of an element to YUV 104.6170, -8.6852, 79.2659 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(195, 62, 87) }
```


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

```
.border{ border-color:rgb(195, 62, 87) }
```

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

Here you see how a box with a 4 pixel rgb(195, 62, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 62, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 62, 87);  
box-shadow:4px 4px 4px 4px rgb(195, 62,  
87) }
```

Background

The CSS property to change the background color of an element to YUV 104.6170, -8.6852, 79.2659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 62, 87) }
```

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

```
.background{ background-color: rgb(195, 62,  
87) }
```

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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