

Converting Colors

YUV(108.2130, -15.8810,
100.6682)

Have a look what the booklet for
YUV(108.2130, -15.8810, 100.6682)
contains.

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Color

**YUV(108.2130, -15.8810,
100.6682)**

Conversions

Conversions Part 1

Format	Color
Hex	DF384C
RGB	223, 56, 76
RGB Percent	87%, 22%, 30%
CMY	0.1255, 0.7804, 0.7020
CMYK	0.00, 0.75, 0.66, 0.13
HSL	353°, 72%, 55%
HSV	353°, 75%, 87%
XYZ	33.1501, 19.0381, 8.7650
YIQ	108.2130, 93.1120, 41.6240

Conversions

Conversions Part 2

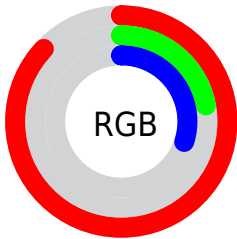
Format	Color
RYB	223, 56, 76
Decimal	14628940
CIELab	50.73, 64.32, 28.70
CIELCh	51, 70.429, 24.047
Yxy	19.0381, 0.5439, 0.3123
Android (android.graphics.Color)	4292819020 (0xFFDF384C)
YUV	108.2130, -15.8810, 100.6682
Hunter-Lab	43.6327, 59.2588, 18.6326

Details

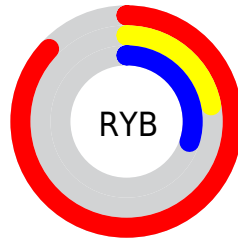
The YUV color **108.2130, -15.8810, 100.6682** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark muted red. A complement of this color would be **170.7870, 15.8810, -100.6682**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.5870, -16.5584, 84.5542**, and **51.4880, -9.6076, 95.1650** is the 20% darker color. If you saturate the color by 10%, you get **93.0190, -18.2504, 113.9933**, and if you desaturate by 10%, it is **123.4070, -13.5117, 87.3431**.

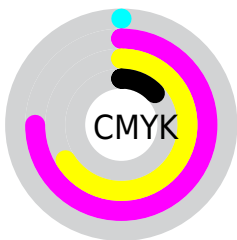
Distribution



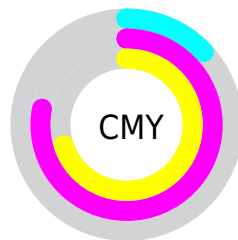
- Red (87%)
- Green (22%)
- Blue (30%)



- Red (87%)
- Yellow (22%)
- Blue (30%)



- Cyan (0%)
- Magenta (75%)
- Yellow (66%)
- Black (13%)





- Cyan (13%)
- Magenta (78%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the YUV color 108.2130, -15.8810, 100.6682 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 108.2130, -15.8810, 100.6682 by changing the saturation by 10% instead.


 108.2130,
-15.8810, 100.6682


 108.2130,
-15.8810, 100.6682


255.0000, 0.0000,
0.0000

 71.3690, -9.0559,
104.9164


 158.5870,
-16.5584, 84.5542


 51.4880, -9.6076,
95.1650

 178.5740,
-13.5940, 67.0256


 39.8250, -14.2107,
78.2065


 197.9740,
-10.3402, 50.0118

 29.6010, -14.5933,
60.8629

 218.7760, -6.7916,
31.7684

 21.2720, -9.0081,
42.7345

 238.9910, -2.9536,
14.0399

 11.4760, -5.1647,
23.2615

 0.0000, 0.0000,

0.0000

■ 108.2130,
-15.8810, 100.6682

■ 108.2130,
-15.8810, 100.6682

■ 93.0190, -18.2504,
113.9933

■ 123.4070,
-13.5117, 87.3431

■ 77.3520, -19.8935,
127.7333

■ 139.0740,
-11.8685, 73.6031

■ 69.7550, -21.0782,
134.3959

■ 154.2680, -9.4991,
60.2780

■ 169.4620, -7.1298,
46.9528

■ 185.1290, -5.4866,
33.2129

■ 200.3230, -3.1172,
19.8877

■ 215.4030, -1.1847,
6.6626

■ 230.5970, 1.1847,
-6.6626

■ 245.2040, 3.8434,
-19.4729

Harmonies

Analogous

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



109.6340, 12.5054, 95.9140



108.2130, -15.8810, 100.6682



112.1660, -48.3958, 76.1534

Triad

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



108.2130, -15.8810, 100.6682



88.2560, -22.3112, -77.4005



104.9580, 67.0687, -92.0482

Complementary

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



108.2130, -15.8810, 100.6682



170.7870, 15.8810, -100.6682

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.



108.7930, 53.8391, -95.4115



108.2130, -15.8810, 100.6682



97.7860, 4.0495, -85.7583

Square

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



108.2130, -15.8810, 100.6682



107.3840, -52.9403, -6.4758



105.4410, 30.8416, -92.4718



117.0310, 56.6797, -26.3372

Rectangle

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



108.2130, -15.8810, 100.6682



113.6500, -56.0294, 51.1730



105.4410, 30.8416, -92.4718



107.4370, 63.8746, -94.2222

Sweetspot

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



108.2130, -15.8810, 100.6682



216.5420, -5.1972, 33.7277



118.3930, 51.5713, 72.4463



104.6220, -3.2646, 20.5025



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.



108.2130, -15.8810, 100.6682



96.9620, -21.6733, 138.5993



141.7400, -42.2698, 71.2650



104.4030, -1.1847, 6.6626



55.0180, -16.7709, 106.1012



15.0360, -4.4547, 28.9094

Inverse Universe

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



108.2130, -15.8810, 100.6682



96.9620, -21.6733, 138.5993



137.2600, 42.2698, -71.2650



104.4030, -1.1847, 6.6626



55.0180, -16.7709, 106.1012



15.0360, -4.4547, 28.9094

Previews

White Background



This preview shows how the YUV color 108.2130, -15.8810, 100.6682 looks on a white 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

Black Background



This preview shows how the YUV color 108.2130, -15.8810, 100.6682 looks on a black 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

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

YUV 108.2130, -15.8810, 100.6682 Background



This preview shows how black text looks on a background with the YUV color 108.2130, -15.8810, 100.6682.



This preview shows how white text looks on a background with the YUV color 108.2130, -15.8810, 100.6682.

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

108.2130, -15.8810, 100.6682

Protanopia

120.9270, -9.3310, 6.2030

Deuteranopia

119.9820, -26.1201, 24.5718



Tritanopia

107.9650, -23.1537, 100.0087

Trichromacy



Original Color

108.2130, -15.8810, 100.6682

Protanomaly

116.2780, -11.4761, 40.9752

Deuteranomaly

115.4830, -22.4231, 52.1964

Tritanomaly

107.9480, -20.6804, 100.0236

Monochromacy



Original Color

108.2130, -15.8810, 100.6682

Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

108.0370, -5.9342, 36.8016

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.2130, -15.8810, 100.6682 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(223, 56, 76)` looks like.

```
.text, #text, p{  
    color:rgb(223, 56, 76)  
}
```

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(223, 56, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 56, 76) }
```

Border

The CSS property to change the border of an element to YUV 108.2130, -15.8810, 100.6682 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(223, 56, 76) }
```


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

```
.border{ border-color:rgb(223, 56, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 56, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 56, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 56, 76);  
box-shadow:4px 4px 4px 4px rgb(223, 56,  
76) }
```

Background

The CSS property to change the background color of an element to YUV 108.2130, -15.8810, 100.6682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 56, 76) }
```

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

```
.background{ background-color: rgb(223, 56,  
76) }
```

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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