

Converting Colors

YUV(138.2920, -15.9200,
66.3959)

Have a look what the booklet for
YUV(138.2920, -15.9200, 66.3959)
contains.

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Color

**YUV(138.2920, -15.9200,
66.3959)**

Conversions

Conversions Part 1

Format	Color
Hex	D66A6A
RGB	214, 106, 106
RGB Percent	84%, 42%, 42%
CMY	0.1608, 0.5843, 0.5843
CMYK	0.00, 0.50, 0.50, 0.16
HSL	0°, 57%, 63%
HSV	0°, 50%, 84%
XYZ	35.4871, 25.6448, 16.7152
YIQ	138.2920, 64.3680, 22.8960

Conversions

Conversions Part 2

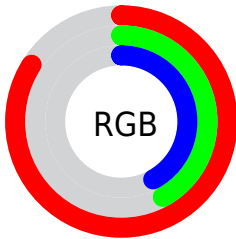
Format	Color
RYB	214, 106, 106
Decimal	14051946
CIELab	57.70, 42.37, 19.98
CIElCh	58, 46.845, 25.242
Yxy	25.6448, 0.4559, 0.3294
Android (android.graphics.Color)	4292242026 (0xFFD66A6A)
YUV	138.2920, -15.9200, 66.3959
Hunter-Lab	50.6407, 36.4648, 15.8783

Details

The YUV color **138.2920, -15.9200, 66.3959** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **181.7080, 15.9200, -66.3959**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.0630, -15.3141, 58.7037**, and **84.7690, -12.7041, 61.5926** is the 20% darker color. If you saturate the color by 10%, you get **123.5710, -19.0155, 79.3062**, and if you desaturate by 10%, it is **153.0130, -12.8244, 53.4856**.

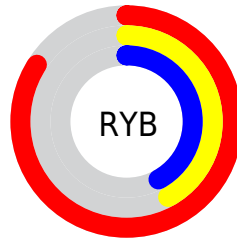
Distribution



Red (84%)

Green (42%)

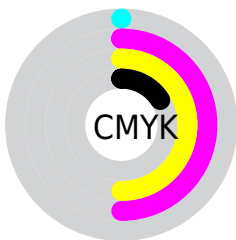
Blue (42%)



Red (84%)

Yellow (42%)

Blue (42%)

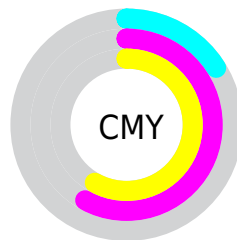


Cyan (0%)

Magenta (50%)

Yellow (50%)

Black (16%)



Cyan (16%)

Magenta (58%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 138.2920, -15.9200, 66.3959 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 138.2920, -15.9200, 66.3959 by changing the saturation by 10% instead.

■ 138.2920,
-15.9200, 66.3959

■ 138.2920,
-15.9200, 66.3959

■ 255.0000, 0.0000,
0.0000

■ 111.3240,
-14.4567, 63.7369

■ 188.0630,
-15.3141, 58.7037

■ 84.7690, -12.7041,
61.5926

■ 206.9900,
-11.3341, 42.1048

■ 57.7410, -10.2253,
59.8631

■ 227.2050, -7.4961,
24.3762

■ 31.2400, -7.0203,
58.5485

■ 247.4200, -3.6581,
6.6477

■ 20.9300, -10.3185,
43.0344

■ 13.2700, -6.0491,
26.9502

■ 0.0000, 0.0000,

0.0000

■ 138.2920,
-15.9200, 66.3959

■ 138.2920,
-15.9200, 66.3959

■ 123.5710,
-19.0155, 79.3062

■ 153.0130,
-12.8244, 53.4856

■ 108.1490,
-22.2585, 92.8313

■ 168.4350, -9.5815,
39.9605

■ 93.4280, -25.3540,
105.7416

■ 183.1560, -6.4859,
27.0502

■ 78.0060, -28.5970,
119.2667

■ 198.5780, -3.2430,
13.5251

■ 63.9860, -31.5451,
131.5623

■ 213.2990, -0.1474,
0.6148

■ 228.0200, 2.9481,
-12.2955

■ 242.7410, 6.0437,
-25.2059

Harmonies

Analogous

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



140.5960, 3.1572, 60.8673



138.2920, -15.9200, 66.3959



137.2630, -32.1747, 53.2663

Triad

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



138.2920, -15.9200, 66.3959



124.2680, -16.8941, -41.4540



118.2680, 50.1539, -80.0420

Complementary

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



138.2920, -15.9200, 66.3959



181.7080, 15.9200, -66.3959

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.



113.7680, 44.9774, -99.7745



138.2920, -15.9200, 66.3959



108.1530, 10.7706, -94.8502

Square

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



138.2920, -15.9200, 66.3959



131.5150, -34.7639, -3.0827



112.9410, 29.1161, -99.0493



139.4620, 36.2542, -8.2982

Rectangle

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



138.2920, -15.9200, 66.3959



135.7420, -38.8198, 37.9373



112.9410, 29.1161, -99.0493



112.2010, 51.6659, -98.4003

Sweetspot

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



138.2920, -15.9200, 66.3959



228.3620, -5.6015, 23.3615



150.6040, 31.2542, 55.5983



111.8770, -3.3904, 14.1399



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.



138.2920, -15.9200, 66.3959



145.6440, -22.9955, 95.9052



169.9900, -31.5471, 38.5968



99.2890, -1.6215, 6.7625



51.1290, -25.2066, 105.1269



12.8570, -6.3385, 26.4354

Inverse Universe

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



181.7080, 15.9200, -66.3959



208.3560, 22.9955, -95.9052



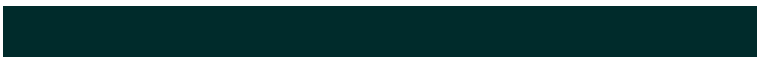
150.0100, 31.5471, -38.5968



103.7110, 1.6215, -6.7625



119.8710, 25.2066, -105.1269



30.1430, 6.3385, -26.4354

Previews

White Background



This preview shows how the YUV color 138.2920, -15.9200, 66.3959 looks on a white background.

Color Contrast Check

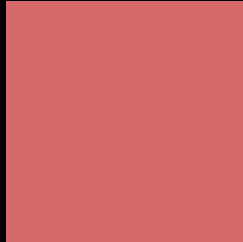
Large Text (above 18pt) WCAG AA ✓ Pass

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 138.2920, -15.9200, 66.3959 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

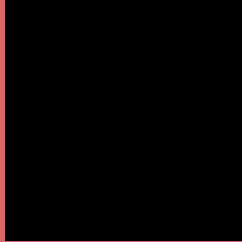
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 138.2920, -15.9200, 66.3959

Background



This preview shows how black text looks on a background with the YUV color 138.2920, -15.9200, 66.3959.



This preview shows how white text looks on a background with the YUV color 138.2920, -15.9200,

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

138.2920, -15.9200, 66.3959

Protanopia

139.0410, -8.8942, 6.1030

Deuteranopia

138.9200, -18.6946, 22.8722



Tritanopia

138.3890, -13.0098, 66.3108

Trichromacy



Original Color

138.2920, -15.9200, 66.3959

Protanomaly

138.9020, -11.2907, 28.1499

Deuteranomaly

138.6600, -17.5804, 38.8862

Tritanomaly

138.1610, -13.8834, 66.5108

Monochromacy



Original Color

138.2920, -15.9200, 66.3959

Achromatopsia

138.0000, 0.0000, 0.0000

Achromatomaly

137.9600, -5.8963, 24.5911

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.2920, -15.9200, 66.3959 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(214, 106, 106)` looks like.

```
.text, #text, p{  
    color:rgb(214, 106, 106)  
}
```

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(214, 106, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 106, 106) }
```

Border

The CSS property to change the border of an element to YUV 138.2920, -15.9200, 66.3959 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(214, 106, 106) }
```


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

```
.border{ border-color:rgb(214, 106, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 106, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 106, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 106, 106);  
box-shadow:4px 4px 4px 4px rgb(214, 106,  
106) }
```

Background

The CSS property to change the background color of an element to YUV 138.2920, -15.9200, 66.3959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 106, 106) }
```

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

```
.background{ background-color: rgb(214,  
106, 106) }
```

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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