

Converting Colors

YUV(158.7420, -15.6488,
-20.8217)

Have a look what the booklet for
YUV(158.7420, -15.6488, -20.8217)
contains.

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Color

**YUV(158.7420, -15.6488,
-20.8217)**

Conversions

Conversions Part 1

Format	Color
Hex	87B17F
RGB	135, 177, 127
RGB Percent	53%, 69%, 50%
CMY	0.4706, 0.3059, 0.5020
CMYK	0.24, 0.00, 0.28, 0.31
HSL	110°, 24%, 60%
HSV	110°, 28%, 69%
XYZ	29.5446, 38.1275, 25.8808
YIQ	158.7420, -8.9820, -24.4540

Conversions

Conversions Part 2

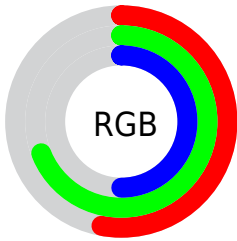
Format	Color
RYB	127, 177, 169
Decimal	8892799
CIELab	68.11, -23.86, 21.13
CIELCh	68, 31.876, 138.467
Yxy	38.1275, 0.3158, 0.4075
Android (android.graphics.Color)	4287082879 (0xFF87B17F)
YUV	158.7420, -15.6488, -20.8217
Hunter-Lab	61.7475, -22.6504, 18.3724

Details

The YUV color **158.7420, -15.6488, -20.8217** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **145.2580, 15.6488, 20.8217**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.8020, -16.6644, -21.7514**, and **106.6820, -14.6332, -19.8921** is the 20% darker color. If you saturate the color by 10%, you get **152.2050, -21.3001, -28.2438**, and if you desaturate by 10%, it is **165.2790, -9.9975, -13.3997**.

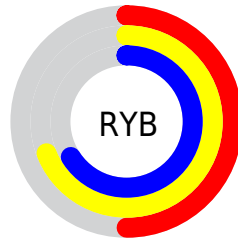
Distribution



Red (53%)

Green (69%)

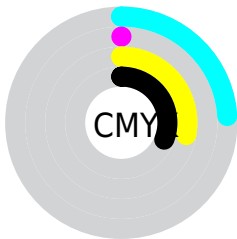
Blue (50%)



Red (50%)

Yellow (69%)

Blue (66%)

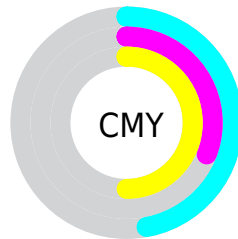


Cyan (24%)

Magenta (0%)

Yellow (28%)

Black (31%)



Cyan (47%)

Magenta (31%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.7420, -15.6488, -20.8217 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 158.7420, -15.6488, -20.8217 by changing the saturation by 10% instead.

■ 158.7420,
-15.6488, -20.8217

■ 158.7420,
-15.6488, -20.8217

255.0000, 0.0000,
0.0000

■ 132.2690,
-14.9226, -20.4069

■ 213.8020,
-16.6644, -21.7514

■ 106.6820,
-14.6332, -19.8921

■ 238.2800,
-14.9280, -18.6626

■ 82.2090, -13.9070,
-19.4773

■ 250.1430, -6.9725,
-3.6334

■ 58.4370, -13.0334,
-19.6772

■ 34.9530, -12.3018,
-21.0068

■ 18.7840, -9.2605,
-16.4736

■ 0.0000, 0.0000,

0.0000

■ 158.7420,
-15.6488, -20.8217

■ 158.7420,
-15.6488, -20.8217

■ 152.2050,
-21.3001, -28.2438

■ 165.2790, -9.9975,
-13.3997

■ 145.7820,
-26.5145, -35.7658

■ 171.7020, -4.7831,
-5.8777

■ 139.2450,
-32.1658, -43.1879

■ 178.2390, 0.8682,
1.5444

■ 133.0070,
-37.9645, -49.9951

■ 184.4770, 6.6668,
8.3517

■ 126.5840,
-43.1789, -57.5172

■ 191.0140, 12.3181,
15.7737

■ 120.0470,
-48.8302, -64.9392

■ 197.4370, 17.5326,
23.2958

■ 113.5100,
-54.4814, -72.3613

■ 203.9740, 23.1838,
30.7178

■ 112.2710,
-55.3496, -73.9057

■ 208.9150, 22.7199,
39.5395

■ 209.2140, 22.5725,
40.1543

Harmonies

Analogous

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



162.6760, -25.4763, 4.6691



158.7420, -15.6488, -20.8217



154.0020, -0.0010, -46.4828

Triad

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



158.7420, -15.6488, -20.8217



159.1620, 30.9791, -43.1151



168.7780, -9.7506, 47.5527

Complementary

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



158.7420, -15.6488, -20.8217



145.2580, 15.6488, 20.8217

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.



169.9910, 3.9484, 40.3499



158.7420, -15.6488, -20.8217



166.8070, 26.2241, -11.2317

Square

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



158.7420, -15.6488, -20.8217



150.9110, 28.1449, -67.4509



169.8880, 16.8172, 19.3922



167.3570, -21.3750, 42.6599

Rectangle

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



158.7420, -15.6488, -20.8217



150.4760, 11.1043, -61.8075



169.8880, 16.8172, 19.3922



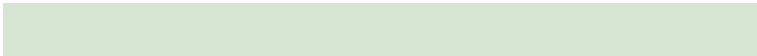
169.3310, -5.0932, 47.0677

Sweetspot

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



158.7420, -15.6488, -20.8217



223.0500, -5.9406, -7.9368



166.6040, -19.5248, 9.1173



110.6420, -3.7675, -4.9480



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



158.7420, -15.6488, -20.8217



201.2600, -24.7782, -32.6770



158.2880, -7.0440, -27.4396



85.8810, -2.8993, -3.4036



96.9870, -47.8146, -64.0096



16.4580, -8.1138, -10.9257

Inverse Universe

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



145.2580, 15.6488, 20.8217



179.7400, 24.7782, 32.6770



145.7120, 7.0440, 27.4396



83.4180, 2.7519, 4.0184



56.0130, 47.8146, 64.0096



9.2430, 8.2612, 10.3109

Previews

White Background



This preview shows how the YUV color 158.7420, -15.6488, -20.8217 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 158.7420, -15.6488, -20.8217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

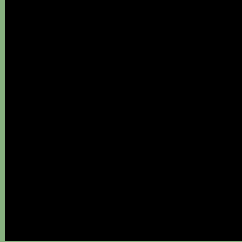
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 158.7420, -15.6488, -20.8217 Background



This preview shows how black text looks on a background with the YUV color 158.7420, -15.6488, -20.8217.



This preview shows how white text looks on a background with the YUV color 158.7420, -15.6488, -20.8217.

-20.8217.

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

158.7420, -15.6488, -20.8217

Protanopia

163.9850, -20.6986, 12.2912

Deuteranopia

165.9740, -17.2422, 23.7018



Tritanopia

163.7080, 9.5110, -17.2839

Trichromacy



Original Color

158.7420, -15.6488, -20.8217

Protanomaly

161.7770, -18.6241, 0.1956

Deuteranomaly

163.6900, -16.6092, 7.2879

Tritanomaly

162.2920, 0.3490, -18.6731

Monochromacy



Original Color

158.7420, -15.6488, -20.8217

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

159.0500, -5.9407, -7.9369

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.7420, -15.6488, -20.8217 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(135, 177, 127)` looks like.

```
.text, #text, p{  
    color:rgb(135, 177, 127)  
}
```

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(135, 177, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 177, 127) }
```

Border

The CSS property to change the border of an element to YUV 158.7420, -15.6488, -20.8217 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(135, 177, 127) }
```


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

```
.border{ border-color:rgb(135, 177, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 177, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 177, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 177, 127);  
box-shadow:4px 4px 4px 4px rgb(135, 177,  
127) }
```

Background

The CSS property to change the background color of an element to YUV 158.7420, -15.6488, -20.8217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 177, 127) }
```

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

```
.background{ background-color: rgb(135,  
177, 127) }
```

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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