

Converting Colors

YUV(158.0240, -13.3228,
-20.1920)

Have a look what the booklet for
YUV(158.0240, -13.3228, -20.1920)
contains.

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Color

**YUV(158.0240, -13.3228,
-20.1920)**

Conversions

Conversions Part 1

Format	Color
Hex	87AF83
RGB	135, 175, 131
RGB Percent	53%, 69%, 51%
CMY	0.4706, 0.3137, 0.4863
CMYK	0.23, 0.00, 0.25, 0.31
HSL	115°, 22%, 60%
HSV	115°, 25%, 69%
XYZ	29.4184, 37.4495, 27.1507
YIQ	158.0240, -9.7160, -22.1640

Conversions

Conversions Part 2

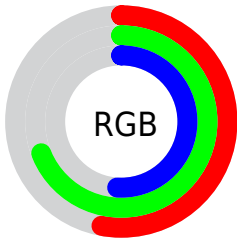
Format	Color
RYB	131, 175, 171
Decimal	8892291
CIELab	67.61, -22.18, 18.28
CIElCh	68, 28.742, 140.515
Yxy	37.4495, 0.3129, 0.3983
Android (android.graphics.Color)	4287082371 (0xFF87AF83)
YUV	158.0240, -13.3228, -20.1920
Hunter-Lab	61.1960, -21.2839, 16.5322

Details

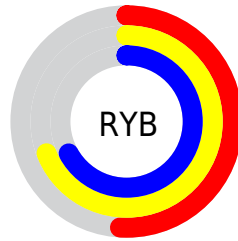
The YUV color **158.0240, -13.3228, -20.1920** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **147.9760, 13.3228, 20.1920**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.0840, -14.3384, -21.1217**, and **105.9640, -12.3073, -19.2624** is the 20% darker color. If you saturate the color by 10%, you get **151.1880, -18.8267, -28.2289**, and if you desaturate by 10%, it is **164.7460, -8.2558, -12.0552**.

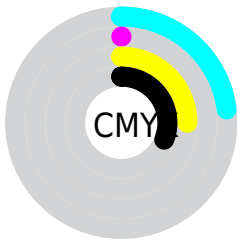
Distribution



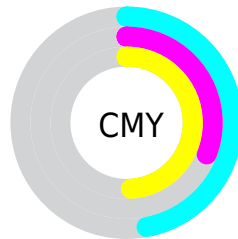
- Red (53%)
- Green (69%)
- Blue (51%)



- Red (51%)
- Yellow (69%)
- Blue (67%)



- Cyan (23%)
- Magenta (0%)
- Yellow (25%)
- Black (31%)



- Cyan (47%)
- Magenta (31%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.0240, -13.3228, -20.1920 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 158.0240, -13.3228, -20.1920 by changing the saturation by 10% instead.

■ 158.0240,
-13.3228, -20.1920

■ 158.0240,
-13.3228, -20.1920

■ 255.0000, 0.0000,
0.0000

■ 131.5510,
-12.5966, -19.7772

■ 213.0840,
-14.3384, -21.1217

■ 105.9640,
-12.3073, -19.2624

■ 238.7360,
-13.1808, -19.0625

■ 81.4910, -11.5811,
-18.8476

■ 250.5990, -5.2253,
-4.0333

■ 58.0180, -10.8549,
-18.4328

■ 34.9470, -9.8339,
-19.2475

■ 17.6100, -8.6817,
-15.4440

■ 0.0000, 0.0000,

0.0000

■ 158.0240,
-13.3228, -20.1920

■ 158.0240,
-13.3228, -20.1920

■ 151.1880,
-18.8267, -28.2289

■ 164.7460, -8.2558,
-12.0552

■ 144.4660,
-23.8937, -36.3657

■ 171.5820, -2.7519,
-4.0184

■ 137.6300,
-29.3976, -44.4025

■ 178.4180, 2.7519,
4.0184

■ 130.9080,
-34.4646, -52.5393

■ 185.1400, 7.8190,
12.1552

■ 124.0720,
-39.9685, -60.5761

■ 191.9760, 13.3228,
20.1920

■ 117.6490,
-45.1830, -68.0982

■ 198.3990, 18.5373,
27.7141

■ 110.8130,
-50.6868, -76.1350

■ 205.1210, 23.6043,
35.8509

■ 107.5090,
-53.0019, -80.2534

■ 208.0400, 23.1513,
41.1839

Harmonies

Analogous

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



161.7620, -22.5607, 2.8397



158.0240, -13.3228, -20.1920



154.1380, 0.4250, -43.0940

Triad

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



158.0240, -13.3228, -20.1920



159.8810, 27.1737, -35.8526



167.4570, -9.5923, 43.4492

Complementary

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



158.0240, -13.3228, -20.1920



147.9760, 13.3228, 20.1920

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.



168.6270, 2.6489, 37.1611



158.0240, -13.3228, -20.1920



165.7320, 23.3031, -7.6580

Square

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



158.0240, -13.3228, -20.1920



152.8800, 25.2022, -56.8998



168.6060, 14.4912, 18.7625



166.0790, -19.7589, 37.6417

Rectangle

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



158.0240, -13.3228, -20.1920



151.4060, 10.6458, -54.7301



168.6060, 14.4912, 18.7625



167.4830, -5.6611, 42.5494

Sweetspot

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



158.0240, -13.3228, -20.1920



219.8650, -5.3564, -8.6516



167.6360, -18.0615, 6.4582



110.3430, -3.6201, -5.5628



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.



158.0240, -13.3228, -20.1920



200.7100, -20.5630, -31.3177



158.8800, -4.8708, -24.4508



83.5820, -2.7519, -4.0184



92.2360, -45.4723, -68.6130



14.0990, -6.9508, -10.6108

Inverse Universe

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



147.9760, 13.3228, 20.1920



185.2900, 20.5630, 31.3177



147.1200, 4.8708, 24.4508



81.4180, 2.7519, 4.0184



58.0630, 45.3249, 69.2277



8.9010, 6.9508, 10.6108

Previews

White Background



This preview shows how the YUV color 158.0240, -13.3228, -20.1920 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 158.0240, -13.3228, -20.1920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

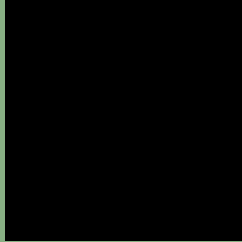
Any Text WCAG AA ✓ Pass

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 158.0240, -13.3228, -20.1920 Background



This preview shows how black text looks on a background with the YUV color 158.0240, -13.3228, -20.1920.



This preview shows how white text looks on a background with the YUV color 158.0240, -13.3228, -20.1920.

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

158.0240, -13.3228, -20.1920

Protanopia

162.9570, -18.2198, 10.5617

Deuteranopia

164.9460, -14.7634, 21.9724



Tritanopia

162.4200, 9.6529, -16.1543

Trichromacy



Original Color

158.0240, -13.3228, -20.1920

Protanomaly

161.0480, -16.2927, -0.9191

Deuteranomaly

162.3740, -13.9884, 6.6880

Tritanomaly

161.1180, 0.9278, -17.6435

Monochromacy



Original Color

158.0240, -13.3228, -20.1920

Achromatopsia

158.0000, 0.0000, 0.0000

Achromatomaly

157.9900, -4.9251, -7.0072

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.0240, -13.3228, -20.1920 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, 175, 131)` looks like.

```
.text, #text, p{  
    color:rgb(135, 175, 131)  
}
```

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, 175, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 175, 131) }
```

Border

The CSS property to change the border of an element to YUV 158.0240, -13.3228, -20.1920 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, 175, 131) }
```


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

```
.border{ border-color:rgb(135, 175, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 175, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 175, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 175, 131);  
box-shadow:4px 4px 4px 4px rgb(135, 175,  
131) }
```

Background

The CSS property to change the background color of an element to YUV 158.0240, -13.3228, -20.1920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 175, 131) }
```

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

```
.background{ background-color: rgb(135,  
175, 131) }
```

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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