

Converting Colors

YUV(163.8960, -2.4137,
-19.2028)

Have a look what the booklet for
YUV(163.8960, -2.4137, -19.2028)
contains.

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Color

**YUV(163.8960, -2.4137,
-19.2028)**

Conversions

Conversions Part 1

Format	Color
Hex	8EB09F
RGB	142, 176, 159
RGB Percent	56%, 69%, 62%
CMY	0.4431, 0.3098, 0.3765
CMYK	0.19, 0.00, 0.10, 0.31
HSL	150°, 18%, 62%
HSV	150°, 19%, 69%
XYZ	32.9387, 39.3047, 38.6514
YIQ	163.8960, -14.8070, -12.4950

Conversions

Conversions Part 2

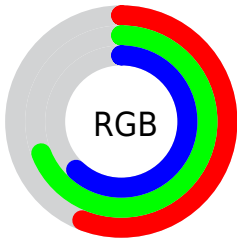
Format	Color
RYB	142, 165, 176
Decimal	9351327
CIELab	68.97, -15.05, 4.89
CIElCh	69, 15.827, 161.999
Yxy	39.3047, 0.2970, 0.3544
Android (android.graphics.Color)	4287541407 (0xFF8EB09F)
YUV	163.8960, -2.4137, -19.2028
Hunter-Lab	62.6934, -15.9309, 7.3323

Details

The YUV color **163.8960, -2.4137, -19.2028** is a light color, and the websafe version is hex **669999**. A complement of this color would be **154.1040, 2.4137, 19.2028**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.1840, -2.5557, -20.3324**, and **111.7220, -1.8349, -18.1732** is the 20% darker color. If you saturate the color by 10%, you get **157.4880, -3.6916, -29.3690**, and if you desaturate by 10%, it is **170.3040, -1.1359, -9.0366**.

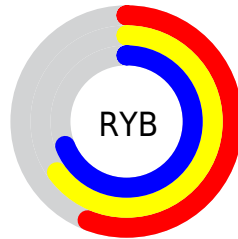
Distribution



Red (56%)

Green (69%)

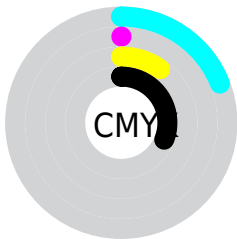
Blue (62%)



Red (56%)

Yellow (65%)

Blue (69%)

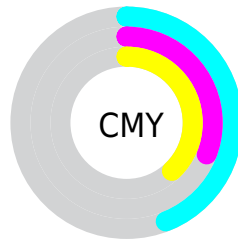


Cyan (19%)

Magenta (0%)

Yellow (10%)

Black (31%)



Cyan (44%)

Magenta (31%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.8960, -2.4137, -19.2028 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 163.8960, -2.4137, -19.2028 by changing the saturation by 10% instead.

■ 163.8960, -2.4137,
-19.2028

■ 163.8960, -2.4137,
-19.2028

255.0000, 0.0000,
0.0000

■ 137.3090, -2.1243,
-18.6880

■ 219.1840, -2.5557,
-20.3324

■ 111.7220, -1.8349,
-18.1732

■ 244.2490, -1.1088,
-17.7584

■ 87.0210, -1.9824,
-17.5584

■ 254.4020, 0.2948,
-1.2296

■ 63.4340, -1.6930,
-17.0436

■ 41.5480, -1.2562,
-17.1436

■ 20.2490, -1.1088,
-17.7584

■ 0.0000, 0.0000,

0.0000

■ 163.8960, -2.4137,
-19.2028

■ 163.8960, -2.4137,
-19.2028

■ 157.4880, -3.6916,
-29.3690

■ 170.3040, -1.1359,
-9.0366

■ 151.3790, -5.1168,
-38.9204

■ 176.4130, 0.2894,
0.5148

■ 145.0850, -5.9579,
-49.1865

■ 182.7070, 1.1304,
10.7810

■ 138.9760, -7.3832,
-58.7380

■ 188.8160, 2.5557,
20.3324

■ 132.5680, -8.6610,
-68.9041

■ 195.2240, 3.8336,
30.4986

■ 126.1600, -9.9389,
-79.0703

■ 201.6320, 5.1114,
40.6647

■ 120.0510,
-11.3641, -88.6217

■ 204.7510, 8.0108,
44.0684

■ 113.7570,
-12.2052, -98.8879

■ 205.6630, 11.5051,
43.2685

■ 113.3440,
-12.4946, -99.4027

■ 206.6890, 15.4363,
42.3687

Harmonies

Analogous

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



165.2520, -8.9982, -7.2370



163.8960, -2.4137, -19.2028



163.2030, 5.3229, -27.3650

Triad

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



163.8960, -2.4137, -19.2028



168.8000, 13.4096, -7.7176



169.9230, -9.8220, 23.7465

Complementary

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



163.8960, -2.4137, -19.2028



154.1040, 2.4137, 19.2028

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.



170.5300, -3.7123, 24.0912



163.8960, -2.4137, -19.2028



170.5630, 9.5824, 6.5222

Square

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



163.8960, -2.4137, -19.2028



165.6520, 14.4686, -20.7428



171.0330, 3.4347, 18.3881



168.5540, -13.5841, 17.0541

Rectangle

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



163.8960, -2.4137, -19.2028



163.3430, 9.6909, -28.3648



171.0330, 3.4347, 18.3881



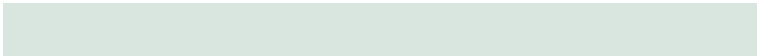
170.0910, -7.9329, 24.4762

Sweetspot

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



163.8960, -2.4137, -19.2028



225.0160, -0.9939, -7.9070



167.0410, -12.3452, -7.0520



112.1520, -0.5679, -4.5183



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.



163.8960, -2.4137, -19.2028



211.0750, -3.9810, -29.8838



165.8340, 5.0118, -20.9024



85.8530, -0.4205, -5.1331



98.5890, -10.6434, -86.4626



16.7440, -1.8458, -14.6845

Inverse Universe

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



154.1040, 2.4137, 19.2028



195.8110, 3.5442, 29.9838



152.1660, -5.0118, 20.9024



83.2610, 0.8573, 5.0331



54.5250, 11.0802, 86.3626



9.2560, 1.8458, 14.6845

Previews

White Background



This preview shows how the YUV color 163.8960, -2.4137, -19.2028 looks on a white background.

Color Contrast Check

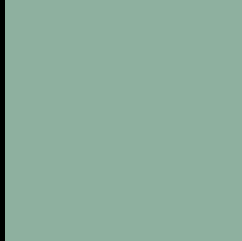
Large Text (above 18pt) WCAG AA × Fail

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 163.8960, -2.4137, -19.2028 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

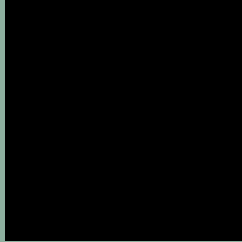
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 163.8960, -2.4137, -19.2028

Background



This preview shows how black text looks on a background with the YUV color 163.8960, -2.4137, -19.2028.



This preview shows how white text looks on a background with the YUV color 163.8960, -2.4137, -19.2028.

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

163.8960, -2.4137, -19.2028

Protanopia

167.6110, -6.7102, 5.6032

Deuteranopia

169.1760, -3.5378, 14.7546



Tritanopia

166.1210, 9.8003, -16.7691

Trichromacy



Original Color

163.8960, -2.4137, -19.2028

Protanomaly

166.0120, -4.9359, -3.5185

Deuteranomaly

167.2130, -3.0630, 2.4442

Tritanomaly

164.9700, 5.4378, -17.5137

Monochromacy



Original Color

163.8960, -2.4137, -19.2028

Achromatopsia

164.0000, 0.0000, 0.0000

Achromatomaly

163.7280, -0.8519, -6.7775

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.8960, -2.4137, -19.2028 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(142, 176, 159)` looks like.

```
.text, #text, p{  
    color:rgb(142, 176, 159)  
}
```

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(142, 176, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 176, 159) }
```

Border

The CSS property to change the border of an element to YUV 163.8960, -2.4137, -19.2028 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(142, 176, 159) }
```


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

```
.border{ border-color:rgb(142, 176, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 176, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 176, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 176, 159);  
box-shadow:4px 4px 4px 4px rgb(142, 176,  
159) }
```

Background

The CSS property to change the background color of an element to YUV 163.8960, -2.4137, -19.2028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 176, 159) }
```

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

```
.background{ background-color: rgb(142,  
176, 159) }
```

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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