

Converting Colors

YUV(109.6960, -2.8081,
-79.5404)

Have a look what the booklet for
YUV(109.6960, -2.8081, -79.5404)
contains.

YUV(109.6960, -2.8081, -79.5404)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(109.6960, -2.8081,
-79.5404)**

Conversions

Conversions Part 1

Format	Color
Hex	139D68
RGB	19, 157, 104
RGB Percent	7%, 62%, 41%
CMY	0.9255, 0.3843, 0.5922
CMYK	0.88, 0.00, 0.34, 0.38
HSL	157°, 78%, 35%
HSV	157°, 88%, 62%
XYZ	14.8242, 25.2519, 17.1895
YIQ	109.6960, -65.2350, -45.7390

Conversions

Conversions Part 2

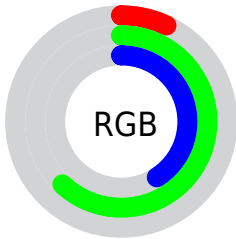
Format	Color
R_{YB}	19, 104, 157
Decimal	1285480
CIE _{Lab}	57.32, -46.89, 18.32
CIE _{LCh}	57, 50.345, 158.660
Y _{xy}	25.2519, 0.2589, 0.4410
Android (android.graphics.Color)	4279475560 (0xFF139D68)
YUV	109.6960, -2.8081, -79.5404
Hunter-Lab	50.2512, -35.2818, 14.8945

Details

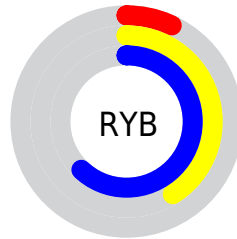
The YUV color **109.6960, -2.8081, -79.5404** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **66.3040, 2.8081, 79.5404**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.5080, -7.6454, -67.9745**, and **67.4320, -5.6360, -59.1379** is the 20% darker color. If you saturate the color by 10%, you get **104.2280, -3.0704, -88.7770**, and if you desaturate by 10%, it is **115.1640, -2.5459, -70.3038**.

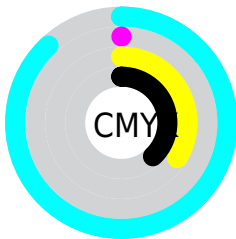
Distribution



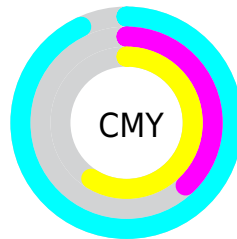
- Red (7%)
- Green (62%)
- Blue (41%)



- Red (7%)
- Yellow (41%)
- Blue (62%)



- Cyan (88%)
- Magenta (0%)
- Yellow (34%)
- Black (38%)



- Cyan (93%)
- Magenta (38%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the YUV color 109.6960, -2.8081, -79.5404 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 109.6960, -2.8081, -79.5404 by changing the saturation by 10% instead.


 109.6960, -2.8081,
-79.5404

 109.6960, -2.8081,
-79.5404


255.0000, 0.0000,
0.0000

 85.4300, -2.6770,
-74.9221


 170.5080, -7.6454,
-67.9745


 67.4320, -5.6360,
-59.1379


 198.6930, -8.2296,
-67.2598

 50.2490, -8.0108,
-44.0684

 218.7740, -4.3256,
-59.4378

 33.7670, -10.2381,
-29.6137

 230.9360, 3.4826,
-43.7939

 19.3710, -9.5499,
-16.9884

 241.5450, 6.6333,
-27.6650

 0.0000, 0.0000,
0.0000

 250.5150, 2.2111,

-9.2217

■ 109.6960, -2.8081,
-79.5404

■ 109.6960, -2.8081,
-79.5404

■ 104.2280, -3.0704,
-88.7770

■ 115.1640, -2.5459,
-70.3038

■ 103.2170, -3.0650,
-90.5213

■ 120.3330, -2.1362,
-61.6820

■ 125.8010, -1.8739,
-52.4455

■ 131.2690, -1.6116,
-43.2089

■ 136.7370, -1.3493,
-33.9723

■ 141.9060, -0.9397,
-25.3506

■ 147.3740, -0.6774,
-16.1140

■ 152.8420, -0.4151,
-6.8774

■ 158.0110, -0.0054,
1.7444

Harmonies

Analogous

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



126.8440, -30.4891, -20.9112



109.6960, -2.8081, -79.5404



110.3190, 19.0697, -96.7498

Triad

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



109.6960, -2.8081, -79.5404



129.9780, 46.8458, -45.5847



135.8870, -25.0873, 66.7511

Complementary

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



109.6960, -2.8081, -79.5404



66.3040, 2.8081, 79.5404

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.



137.1860, -5.0217, 70.8739



109.6960, -2.8081, -79.5404



141.5680, 32.2580, 13.5339

Square

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



109.6960, -2.8081, -79.5404



113.6030, 51.9607, -99.6298



140.6410, 14.9670, 52.9348



134.8570, -39.8625, 45.7294

Rectangle

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



109.6960, -2.8081, -79.5404



113.6250, 31.7369, -99.6491



140.6410, 14.9670, 52.9348



136.5160, -18.9884, 70.5845

Sweetspot

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



109.6960, -2.8081, -79.5404



185.8730, -0.9234, -30.5836



116.4510, -48.0433, -37.2295



91.0640, -0.5246, -18.4731



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



109.6960, -2.8081, -79.5404



134.1120, -3.9992, -117.6162



107.5200, 24.3936, -77.6320



76.2660, -0.1311, -4.6183



93.9730, -2.9447, -82.4143



9.8310, -0.4097, -8.6218

Inverse Universe

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



66.3040, 2.8081, 79.5404



69.8880, 3.9992, 117.6162



68.4800, -24.3936, 77.6320



73.7340, 0.1311, 4.6183



49.0270, 2.9447, 82.4143



5.1690, 0.4097, 8.6218

Previews

White Background



This preview shows how the YUV color 109.6960, -2.8081, -79.5404 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 109.6960, -2.8081, -79.5404 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 109.6960, -2.8081, -79.5404 Background



This preview shows how black text looks on a background with the YUV color 109.6960, -2.8081, -79.5404.



This preview shows how white text looks on a background with the YUV color 109.6960, -2.8081, -79.5404.

-79.5404.

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

109.6960, -2.8081, -79.5404

Protanopia

135.5010, -19.9670, 10.9616

Deuteranopia

136.9780, -13.3002, 19.3133



Tritanopia

123.5610, 18.9504, -58.3740

Trichromacy



Original Color

109.6960, -2.8081, -79.5404



Protanomaly

125.8990, -13.7542, -21.8364



Deuteranomaly

126.7840, -9.2605, -16.4736



Tritanomaly

118.7420, 10.9732, -66.4257

Monochromacy



Original Color

109.6960, -2.8081, -79.5404



Achromatopsia

110.0000, 0.0000, 0.0000



Achromatomaly

109.8840, -0.9288, -28.8393

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.6960, -2.8081, -79.5404 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(19, 157, 104)` looks like.

```
.text, #text, p{  
    color:rgb(19, 157, 104)  
}
```

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(19, 157, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 157, 104) }
```

Border

The CSS property to change the border of an element to YUV 109.6960, -2.8081, -79.5404 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(19, 157, 104) }
```


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

```
.border{ border-color:rgb(19, 157, 104) }
```

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

Here you see how a box with a 4 pixel rgb(19, 157, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 157, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 157, 104);  
box-shadow:4px 4px 4px 4px rgb(19, 157,  
104) }
```

Background

The CSS property to change the background color of an element to YUV 109.6960, -2.8081, -79.5404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 157, 104) }
```

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

```
.background{ background-color: rgb(19, 157,  
104) }
```

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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