

Converting Colors

YUV(153.6960, -2.3151, -4.1184)

Have a look what the booklet for
YUV(153.6960, -2.3151, -4.1184)
contains.

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Color

**YUV(153.6960, -2.3151,
-4.1184)**

Conversions

Conversions Part 1

Format	Color
Hex	959D95
RGB	149, 157, 149
RGB Percent	58%, 62%, 58%
CMY	0.4157, 0.3843, 0.4157
CMYK	0.05, 0.00, 0.05, 0.38
HSL	120°, 4%, 60%
HSV	120°, 5%, 62%
XYZ	29.8762, 32.6734, 33.1657
YIQ	153.6960, -2.2000, -4.1840

Conversions

Conversions Part 2

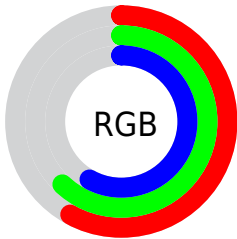
Format	Color
RYB	149, 157, 157
Decimal	9805205
CIELab	63.90, -4.41, 3.18
CIELCh	64, 5.442, 144.199
Yxy	32.6734, 0.3121, 0.3414
Android (android.graphics.Color)	4287995285 (0xFF959D95)
YUV	153.6960, -2.3151, -4.1184
Hunter-Lab	57.1607, -6.7345, 5.6113

Details

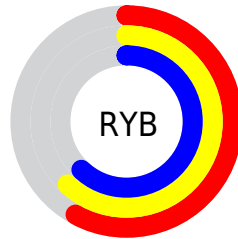
The YUV color **153.6960, -2.3151, -4.1184** is a light color, and the websafe version is hex **999999**. A complement of this color would be **152.3040, 2.3151, 4.1184**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.2830, -2.6045, -4.6332**, and **102.6960, -2.3151, -4.1184** is the 20% darker color. If you saturate the color by 10%, you get **147.0880, -6.9454, -12.3552**, and if you desaturate by 10%, it is **160.3040, 2.3151, 4.1184**.

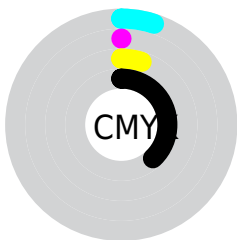
Distribution



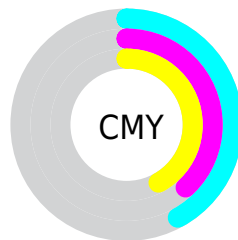
- Red (58%)
- Green (62%)
- Blue (58%)



- Red (58%)
- Yellow (62%)
- Blue (62%)



- Cyan (5%)
- Magenta (0%)
- Yellow (5%)
- Black (38%)



- Cyan (42%)
- Magenta (38%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.6960, -2.3151, -4.1184 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 153.6960, -2.3151, -4.1184 by changing the saturation by 10% instead.

■ 153.6960, -2.3151,
-4.1184

■ 153.6960, -2.3151,
-4.1184

255.0000, 0.0000,
0.0000

■ 127.6960, -2.3151,
-4.1184

■ 208.2830, -2.6045,
-4.6332

■ 102.6960, -2.3151,
-4.1184

■ 236.2830, -2.6045,
-4.6332

■ 79.1090, -2.0257,
-3.6036

■ 56.1090, -2.0257,
-3.6036

■ 34.5220, -1.7363,
-3.0888

■ 11.8700, -2.8939,
-5.1480

■ 0.0000, 0.0000,

0.0000

■ 153.6960, -2.3151,
-4.1184

■ 153.6960, -2.3151,
-4.1184

■ 147.0880, -6.9454,
-12.3552

■ 160.3040, 2.3151,
4.1184

■ 140.8930,
-11.2862, -20.0772

■ 166.4990, 6.6560,
11.8404

■ 134.2850,
-15.9165, -28.3139

■ 173.1070, 11.2862,
20.0772

■ 127.6770,
-20.5468, -36.5507

■ 179.7150, 15.9165,
28.3139

■ 121.4820,
-24.8876, -44.2727

■ 186.3230, 20.5468,
36.5507

■ 114.8740,
-29.5179, -52.5095

■ 192.5180, 24.8876,
44.2727

■ 108.2660,
-34.1481, -60.7463

■ 197.4740, 28.3603,
50.4503

■ 101.6580,
-38.7784, -68.9831

■ 95.4630, -43.1193,
-76.7051

Harmonies

Analogous

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



154.5610, -4.2206, 0.3850



153.6960, -2.3151, -4.1184



153.6570, 0.1691, -7.5922

Triad

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



153.6960, -2.3151, -4.1184



154.2320, 4.8156, -4.5885



156.0720, -2.5005, 8.7069

Complementary

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



153.6960, -2.3151, -4.1184



152.3040, 2.3151, 4.1184

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.



156.0440, -0.0217, 6.9774



153.6960, -2.3151, -4.1184



155.4390, 4.2206, -0.3850

Square

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



153.6960, -2.3151, -4.1184



153.9820, 3.9529, -7.8772



155.4180, 2.7519, 4.0184



155.6050, -4.2423, 7.3624

Rectangle

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



153.6960, -2.3151, -4.1184



153.4010, 1.7743, -9.1217



155.4180, 2.7519, 4.0184



156.3000, -1.6269, 8.5069

Sweetspot

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



153.6960, -2.3151, -4.1184



202.3480, -1.1576, -2.0592



156.0880, -3.4944, 0.7998



101.1740, -0.5788, -1.0296



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.



153.6960, -2.3151, -4.1184



199.0440, -3.4727, -6.1776



154.1520, -0.5679, -4.5183



76.9350, -1.4470, -2.5740



83.9410, -41.3829, -73.6163



8.8050, -4.3409, -7.7220

Inverse Universe

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



152.3040, 2.3151, 4.1184



196.9560, 3.4727, 6.1776



151.8480, 0.5679, 4.5183



76.0650, 1.4470, 2.5740



59.0590, 41.3829, 73.6163



6.1950, 4.3409, 7.7220

Previews

White Background



This preview shows how the YUV color 153.6960, -2.3151, -4.1184 looks on a white background.

Color Contrast Check

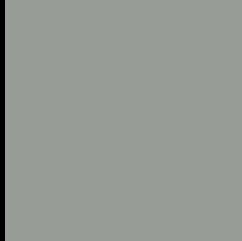
Large Text (above 18pt) WCAG AA × Fail

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 153.6960, -2.3151, -4.1184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

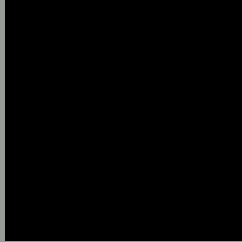
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

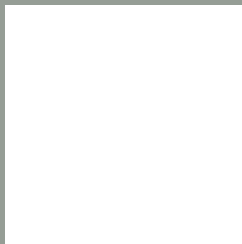
Any Text WCAG AAA ✓ Pass

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

YUV 153.6960, -2.3151, -4.1184 Background



This preview shows how black text looks on a background with the YUV color 153.6960, -2.3151, -4.1184.



This preview shows how white text looks on a background with the YUV color 153.6960, -2.3151, -4.1184.

-4.1184.

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

153.6960, -2.3151, -4.1184

Protanopia

154.6970, -3.7946, 3.7737

Deuteranopia

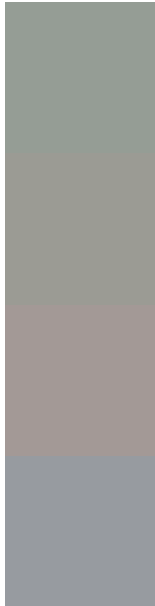
156.2790, -3.0955, 12.9103



Tritanopia

154.8840, 5.9732, -2.5293

Trichromacy



Original Color

153.6960, -2.3151, -4.1184

Protanomaly

154.2020, -3.0576, 0.6998

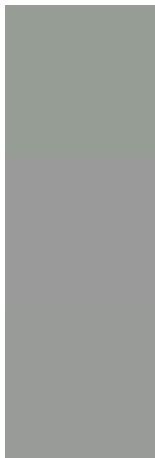
Deuteranomaly

155.6480, -2.7845, 6.4477

Tritanomaly

154.3740, 2.7736, -2.9590

Monochromacy



Original Color

153.6960, -2.3151, -4.1184

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

153.7610, -0.8682, -1.5444

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.6960, -2.3151, -4.1184 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(149, 157, 149)` looks like.

```
.text, #text, p{  
    color:rgb(149, 157, 149)  
}
```

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(149, 157, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 157, 149) }
```

Border

The CSS property to change the border of an element to YUV 153.6960, -2.3151, -4.1184 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(149, 157, 149) }
```


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

```
.border{ border-color:rgb(149, 157, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 157, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 157, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 157, 149);  
box-shadow:4px 4px 4px 4px rgb(149, 157,  
149) }
```

Background

The CSS property to change the background color of an element to YUV 153.6960, -2.3151, -4.1184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 157, 149) }
```

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

```
.background{ background-color: rgb(149,  
157, 149) }
```

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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