

Converting Colors

YUV(104.2960, -11.9779,
62.0074)

Have a look what the booklet for
YUV(104.2960, -11.9779, 62.0074)
contains.

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Color

**YUV(104.2960, -11.9779,
62.0074)**

Conversions

Conversions Part 1

Format	Color
Hex	AF4950
RGB	175, 73, 80
RGB Percent	69%, 29%, 31%
CMY	0.3137, 0.7137, 0.6863
CMYK	0.00, 0.58, 0.54, 0.31
HSL	356°, 41%, 49%
HSV	356°, 58%, 69%
XYZ	21.5097, 14.4582, 9.2464
YIQ	104.2960, 58.5450, 23.8010

Conversions

Conversions Part 2

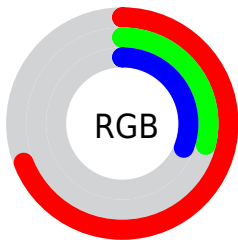
Format	Color
R _Y B	175, 73, 80
Decimal	11487568
CIE Lab	44.88, 42.27, 17.06
CIE LCh	45, 45.584, 21.980
Yxy	14.4582, 0.4757, 0.3198
Android (android.graphics.Color)	4289677648 (0xFFAF4950)
YUV	104.2960, -11.9779, 62.0074
Hunter-Lab	38.0240, 34.4333, 12.1990

Details

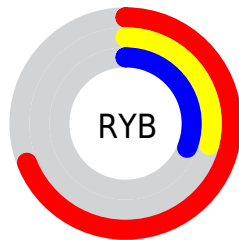
The YUV color **104.2960, -11.9779, 62.0074** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **143.7040, 11.9779, -62.0074**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.0470, -14.3202, 66.6108**, and **49.6530, -6.7309, 59.0633** is the 20% darker color. If you saturate the color by 10%, you get **92.4930, -14.0470, 72.3586**, and if you desaturate by 10%, it is **116.6860, -10.1982, 51.1414**.

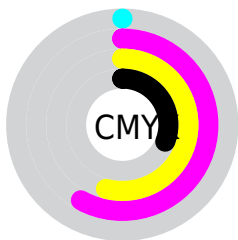
Distribution



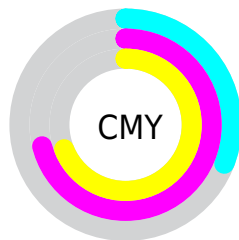
- Red (69%)
- Green (29%)
- Blue (31%)



- Red (69%)
- Yellow (29%)
- Blue (31%)



- Cyan (0%)
- Magenta (58%)
- Yellow (54%)
- Black (31%)



- Cyan (31%)
- Magenta (71%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.2960, -11.9779, 62.0074 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 104.2960, -11.9779, 62.0074 by changing the saturation by 10% instead.

■ 104.2960,
-11.9779, 62.0074

■ 104.2960,
-11.9779, 62.0074

■ 255.0000, 0.0000,
0.0000

■ 77.7410, -10.2253,
59.8631

■ 158.0470,
-14.3202, 66.6108

■ 49.6530, -6.7309,
59.0633

■ 183.1390,
-13.8725, 63.0221

■ 28.3210, -6.5673,
53.2155

■ 202.6530,
-10.1819, 45.9083

■ 18.5380, -9.1392,
38.1162

■ 222.1670, -6.4913,
28.7945

■ 10.2800, -4.5750,
20.8024

■ 242.4960, -2.2165,
10.9660

■ 0.0000, 0.0000,
0.0000

■ 104.2960,
-11.9779, 62.0074

■ 104.2960,
-11.9779, 62.0074

■ 92.4930, -14.0470,
72.3586

■ 116.6860,
-10.1982, 51.1414

■ 79.9890, -16.2636,
83.3246

■ 128.6030, -7.6923,
40.6902

■ 68.1860, -18.3327,
93.6759

■ 140.9930, -5.9125,
29.8241

■ 55.7960, -20.1124,
104.5419

■ 152.7960, -3.8434,
19.4729

■ 53.6930, -20.5546,
106.3862

■ 165.1860, -2.0637,
8.6069

■ 177.1030, 0.4422,
-1.8443

■ 189.4930, 2.2220,
-12.7104

■ 201.2960, 4.2911,

-23.0616

■ 213.8000, 6.5076,
-34.0276

Harmonies

Analogous

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



106.5460, 5.6468, 55.6492



104.2960, -11.9779, 62.0074



104.2780, -28.2381, 50.6222

Triad

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



104.2960, -11.9779, 62.0074



92.1870, -17.3472, -36.1210



86.9650, 46.3593, -76.2683

Complementary

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



104.2960, -11.9779, 62.0074



143.7040, 11.9779, -62.0074

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.



89.8370, 37.0554, -78.7870



104.2960, -11.9779, 62.0074



83.5040, 5.1745, -73.2330

Square

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



104.2960, -11.9779, 62.0074



99.2380, -34.6273, -0.2087



87.9500, 22.2096, -77.1321



105.4890, 35.2549, -14.4609

Rectangle

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



104.2960, -11.9779, 62.0074



103.1270, -36.0516, 36.7226



87.9500, 22.2096, -77.1321



88.9710, 43.8913, -78.0276

Sweetspot

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



104.2960, -11.9779, 62.0074



200.0030, -4.4385, 23.6764



112.4350, 30.8445, 46.9765



98.9910, -2.9536, 14.0399



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.



104.2960, -11.9779, 62.0074



116.7950, -18.6329, 96.6498



128.7390, -27.4793, 40.5709



80.8050, -0.8899, 5.4330



45.9900, -17.7431, 91.2168



7.1050, -2.5168, 13.9399

Inverse Universe

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



104.2960, -11.9779, 62.0074



116.7950, -18.6329, 96.6498



119.8480, 27.1899, -41.0857



80.8050, -0.8899, 5.4330



45.9900, -17.7431, 91.2168



7.1050, -2.5168, 13.9399

Previews

White Background



This preview shows how the YUV color 104.2960, -11.9779, 62.0074 looks on a white 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

Black Background



This preview shows how the YUV color 104.2960, -11.9779, 62.0074 looks on a black 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

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

YUV 104.2960, -11.9779, 62.0074

Background



This preview shows how black text looks on a background with the YUV color 104.2960, -11.9779, 62.0074.

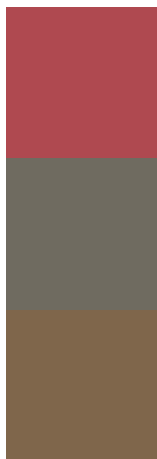


This preview shows how white text looks on a background with the YUV color 104.2960, -11.9779, 62.0074.

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

104.2960, -11.9779, 62.0074

Protanopia

106.9420, -5.3944, 3.5589

Deuteranopia

106.3970, -15.4787, 18.0688



Tritanopia

104.0680, -12.8515, 62.2074

Trichromacy



Original Color

104.2960, -11.9779, 62.0074

Protanomaly

106.0910, -7.9329, 24.4762

Deuteranomaly

105.2510, -13.9277, 33.9829

Tritanomaly

104.1820, -12.4147, 62.1074

Monochromacy



Original Color

104.2960, -11.9779, 62.0074

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

104.2910, -4.5805, 22.5468

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.2960, -11.9779, 62.0074 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(175, 73, 80)` looks like.

```
.text, #text, p{  
    color:rgb(175, 73, 80)  
}
```

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(175, 73, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 73, 80) }
```

Border

The CSS property to change the border of an element to YUV 104.2960, -11.9779, 62.0074 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(175, 73, 80) }
```


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

```
.border{ border-color:rgb(175, 73, 80) }
```

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

Here you see how a box with a 4 pixel rgb(175, 73, 80) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 73, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 73, 80);  
box-shadow:4px 4px 4px 4px rgb(175, 73,  
80) }
```

Background

The CSS property to change the background color of an element to YUV 104.2960, -11.9779, 62.0074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 73, 80) }
```

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

```
.background{ background-color: rgb(175, 73,  
80) }
```

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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