

Converting Colors

YUV(120.5110, -31.8039,
27.6159)

Have a look what the booklet for
YUV(120.5110, -31.8039, 27.6159)
contains.

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Color

**YUV(120.5110, -31.8039,
27.6159)**

Conversions

Conversions Part 1

Format	Color
Hex	987538
RGB	152, 117, 56
RGB Percent	60%, 46%, 22%
CMY	0.4039, 0.5412, 0.7804
CMYK	0.00, 0.23, 0.63, 0.40
HSL	38°, 46%, 41%
HSV	38°, 63%, 60%
XYZ	20.0240, 19.6835, 6.4853
YIQ	120.5110, 40.4410, -11.5510

Conversions

Conversions Part 2

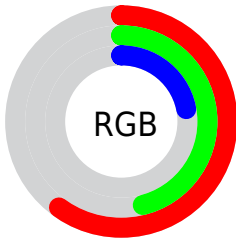
Format	Color
R_{YB}	111, 152, 56
Decimal	9991480
CIE _{Lab}	51.48, 6.66, 38.23
CIE _{LCh}	51, 38.810, 80.115
Yxy	19.6835, 0.4335, 0.4261
Android (android.graphics.Color)	4288181560 (0xFF987538)
YUV	120.5110, -31.8039, 27.6159
Hunter-Lab	44.3661, 2.9227, 22.3894

Details

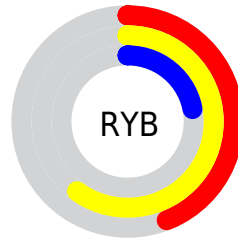
The YUV color **120.5110, -31.8039, 27.6159** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **87.4890, 31.8039, -27.6159**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.6640, -33.8514, 30.9897**, and **70.4890, -31.7931, 24.1271** is the 20% darker color. If you saturate the color by 10%, you get **115.2790, -36.6195, 32.2043**, and if you desaturate by 10%, it is **125.7430, -26.9883, 23.0274**.

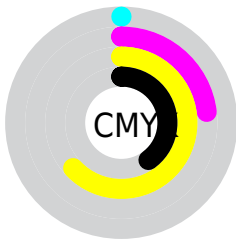
Distribution



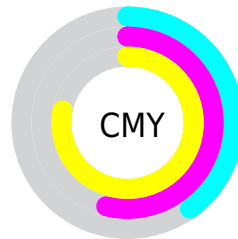
- Red (60%)
- Green (46%)
- Blue (22%)



- Red (44%)
- Yellow (60%)
- Blue (22%)



- Cyan (0%)
- Magenta (23%)
- Yellow (63%)
- Black (40%)



- Cyan (40%)
- Magenta (54%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.5110, -31.8039, 27.6159 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 120.5110, -31.8039, 27.6159 by changing the saturation by 10% instead.

■ 120.5110,
-31.8039, 27.6159

■ 120.5110,
-31.8039, 27.6159

■ 255.0000, 0.0000,
0.0000

■ 95.0270, -31.0723,
26.2863

■ 173.6640,
-33.8514, 30.9897

■ 70.4890, -31.7931,
24.1271

■ 201.1480,
-34.5830, 32.3192

■ 49.1170, -24.2147,
20.0684

■ 225.6310,
-33.8351, 25.7566

■ 29.0160, -14.3049,
14.8950

■ 245.8460,
-29.9971, 8.0281

■ 6.5780, -3.2430,
13.5251

■ 250.2120,
-18.3455, 4.1991

■ 0.0000, 0.0000,
0.0000

■ 253.4040, -6.1152,

1.3997

■ 120.5110,
-31.8039, 27.6159

■ 120.5110,
-31.8039, 27.6159

■ 115.2790,
-36.6195, 32.2043

■ 125.7430,
-26.9883, 23.0274

■ 110.6340,
-41.7246, 36.2780

■ 130.3880,
-21.8833, 18.9537

■ 105.2880,
-46.9770, 40.9664

■ 135.7340,
-16.6309, 14.2653

■ 102.3870,
-50.4768, 43.5106

■ 140.3790,
-11.5258, 10.1916

■ 145.6110, -6.7102,
5.6032

■ 150.2560, -1.6052,
1.5295

■ 155.4880, 3.2104,
-3.0590

■ 160.2470, 8.7522,
-7.2326

■ 165.4790, 13.5679,
-11.8211

Harmonies

Analogous

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



122.2820, -24.2960, 46.2337



120.5110, -31.8039, 27.6159



117.6280, -29.3966, 2.0802

Triad

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



120.5110, -31.8039, 27.6159



98.5960, 22.3842, -86.4687



126.3060, 19.5691, 23.4106

Complementary

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



120.5110, -31.8039, 27.6159



87.4890, 31.8039, -27.6159

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.



122.6480, 30.7395, -12.8463



120.5110, -31.8039, 27.6159



100.1410, 35.9195, -87.8237

Square

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



120.5110, -31.8039, 27.6159



98.9170, 5.4639, -72.7182



105.8260, 40.5118, -67.3764



125.2630, 4.8003, 47.1273

Rectangle

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



120.5110, -31.8039, 27.6159



114.7550, -22.0642, -16.4481



105.8260, 40.5118, -67.3764



126.2660, 23.5329, 12.0447

Sweetspot

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



120.5110, -31.8039, 27.6159



184.1510, -12.3994, 10.3916



88.6940, 1.1369, 55.5194



91.7960, -7.2944, 6.3179



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



120.5110, -31.8039, 27.6159



147.3160, -49.4558, 42.6959



137.1690, -40.0163, 1.6058



74.3270, -2.6262, 2.3442



94.1030, -46.3928, 40.2517



8.5830, -4.2314, 3.8737

Inverse Universe

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



87.4890, 31.8039, -27.6159



96.2710, 49.1664, -43.2107



70.8310, 40.0163, -1.6058



71.6730, 2.6262, -2.3442



45.8970, 46.3928, -40.2517



4.4170, 4.2314, -3.8737

Previews

White Background



This preview shows how the YUV color 120.5110, -31.8039, 27.6159 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 120.5110, -31.8039, 27.6159 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 120.5110, -31.8039, 27.6159

Background



This preview shows how black text looks on a background with the YUV color 120.5110, -31.8039, 27.6159.



This preview shows how white text looks on a background with the YUV color 120.5110, -31.8039, 27.6159.

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

120.5110, -31.8039, 27.6159

Protanopia

119.4770, -30.3082, 14.4907

Deuteranopia

120.5110, -31.8039, 27.6159



Tritanopia

125.0790, -2.9969, 27.9947

Trichromacy



Original Color

120.5110, -31.8039, 27.6159

Protanomaly

119.9830, -31.0506, 19.3089

Deuteranomaly

120.5110, -31.8039, 27.6159

Tritanomaly

123.6200, -13.6167, 27.5203

Monochromacy



Original Color

120.5110, -31.8039, 27.6159

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

120.9660, -11.8152, 9.6768

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.5110, -31.8039, 27.6159 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(152, 117, 56)` looks like.

```
.text, #text, p{  
    color:rgb(152, 117, 56)  
}
```

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(152, 117, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 117, 56) }
```

Border

The CSS property to change the border of an element to YUV 120.5110, -31.8039, 27.6159 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(152, 117, 56) }
```


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

```
.border{ border-color:rgb(152, 117, 56) }
```

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

Here you see how a box with a 4 pixel rgb(152, 117, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 117, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 117, 56);  
box-shadow:4px 4px 4px 4px rgb(152, 117,  
56) }
```

Background

The CSS property to change the background color of an element to YUV 120.5110, -31.8039, 27.6159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 117, 56) }
```

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

```
.background{ background-color: rgb(152,  
117, 56) }
```

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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