

Converting Colors

YUV(120.2010, -31.6511,
25.2567)

Have a look what the booklet for
YUV(120.2010, -31.6511, 25.2567)
contains.

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Color

**YUV(120.2010, -31.6511,
25.2567)**

Conversions

Conversions Part 1

Format	Color
Hex	957638
RGB	149, 118, 56
RGB Percent	58%, 46%, 22%
CMY	0.4157, 0.5373, 0.7804
CMYK	0.00, 0.21, 0.62, 0.42
HSL	40°, 45%, 40%
HSV	40°, 62%, 58%
XYZ	19.5867, 19.6320, 6.4984
YIQ	120.2010, 38.3780, -12.7100

Conversions

Conversions Part 2

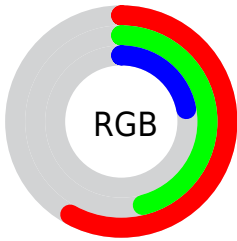
Format	Color
R_{YB}	103, 149, 56
Decimal	9795128
CIE _{Lab}	51.42, 4.74, 38.08
CIE _{LCh}	51, 38.373, 82.912
Yxy	19.6320, 0.4284, 0.4294
Android (android.graphics.Color)	4287985208 (0xFF957638)
YUV	120.2010, -31.6511, 25.2567
Hunter-Lab	44.3080, 1.3684, 22.3198

Details

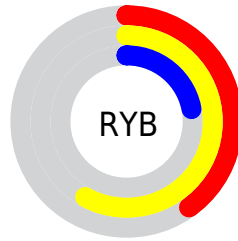
The YUV color **120.2010, -31.6511, 25.2567** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **84.7990, 31.6511, -25.2567**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.0550, -33.5511, 28.0158**, and **70.1790, -31.6402, 21.7680** is the 20% darker color. If you saturate the color by 10%, you get **115.5560, -36.7561, 29.3304**, and if you desaturate by 10%, it is **124.8460, -26.5461, 21.1831**.

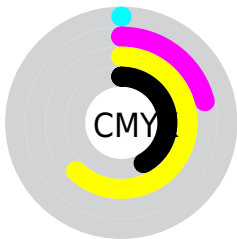
Distribution



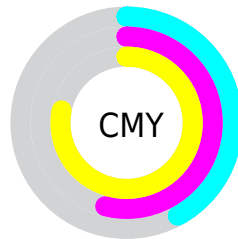
- Red (58%)
- Green (46%)
- Blue (22%)



- Red (40%)
- Yellow (58%)
- Blue (22%)



- Cyan (0%)
- Magenta (21%)
- Yellow (62%)
- Black (42%)



- Cyan (42%)
- Magenta (54%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.2010, -31.6511, 25.2567 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 120.2010, -31.6511, 25.2567 by changing the saturation by 10% instead.

■ 120.2010,
-31.6511, 25.2567

■ 120.2010,
-31.6511, 25.2567

■ 255.0000, 0.0000,
0.0000

■ 94.7170, -30.9195,
23.9272

■ 173.0550,
-33.5511, 28.0158

■ 70.1790, -31.6402,
21.7680

■ 200.8380,
-34.4301, 29.9601

■ 49.1060, -24.2093,
18.3240

■ 226.2180,
-34.1245, 25.2418

■ 29.0050, -14.2995,
13.1506

■ 246.4330,
-30.2865, 7.5133

■ 5.9690, -2.9427,
10.5512

■ 250.2120,
-18.3455, 4.1991

■ 0.0000, 0.0000,
0.0000

■ 253.4040, -6.1152,

1.3997

■ 120.2010,
-31.6511, 25.2567

■ 120.2010,
-31.6511, 25.2567

■ 115.5560,
-36.7561, 29.3304

■ 124.8460,
-26.5461, 21.1831

■ 110.9110,
-41.8611, 33.4041

■ 129.4910,
-21.4411, 17.1094

■ 106.2660,
-46.9661, 37.4777

■ 134.1360,
-16.3360, 13.0357

■ 102.6640,
-50.6134, 40.6367

■ 138.7810,
-11.2310, 8.9621

■ 143.4260, -6.1260,
4.8884

■ 147.9570, -1.4578,
0.9147

■ 152.6020, 3.6472,
-3.1590

■ 157.2470, 8.7522,
-7.2326

■ 161.8920, 13.8572,
-11.3063

Harmonies

Analogous

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



122.0430, -25.1642, 44.6893



120.2010, -31.6511, 25.2567



116.9590, -28.0808, 0.0360

Triad

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



120.2010, -31.6511, 25.2567



98.3510, 23.9840, -86.2538



126.1600, 17.6691, 26.1697

Complementary

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



120.2010, -31.6511, 25.2567



84.7990, 31.6511, -25.2567

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.



123.3280, 29.4183, -9.0577



120.2010, -31.6511, 25.2567



99.6680, 36.6457, -87.4088

Square

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



120.2010, -31.6511, 25.2567



95.3720, 8.6906, -81.0102



109.3110, 38.3007, -58.1547



124.9210, 3.4899, 47.4273

Rectangle

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



120.2010, -31.6511, 25.2567



113.9010, -20.1642, -19.2072



109.3110, 38.3007, -58.1547



125.9460, 22.2116, 15.8334

Sweetspot

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



120.2010, -31.6511, 25.2567



182.7380, -12.6888, 9.8768



87.3410, -0.1681, 54.0749



89.7960, -7.2944, 6.3179



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



120.2010, -31.6511, 25.2567



148.5930, -49.5923, 39.8219



133.9130, -38.4111, 0.0763



71.4410, -2.1894, 2.2442



95.2660, -46.9661, 37.4777



7.0990, -3.4998, 2.5442

Inverse Universe

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



84.7990, 31.6511, -25.2567



93.4070, 49.5923, -39.8219



71.0870, 38.4111, -0.0763



68.9720, 2.4788, -1.7294



42.7340, 46.9661, -37.4777



2.9010, 3.4998, -2.5442

Previews

White Background



This preview shows how the YUV color 120.2010, -31.6511, 25.2567 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 120.2010, -31.6511, 25.2567 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 120.2010, -31.6511, 25.2567

Background



This preview shows how black text looks on a background with the YUV color 120.2010, -31.6511, 25.2567.



This preview shows how white text looks on a background with the YUV color 120.2010, -31.6511,

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

120.2010, -31.6511, 25.2567

Protanopia

119.4770, -30.3082, 14.4907

Deuteranopia

120.5110, -31.8039, 27.6159



Tritanopia

124.8830, -2.4073, 25.5356

Trichromacy



Original Color

120.2010, -31.6511, 25.2567

Protanomaly

119.6840, -30.9032, 18.6941

Deuteranomaly

120.2120, -31.6565, 27.0011

Tritanomaly

123.4240, -13.0270, 25.0612

Monochromacy



Original Color

120.2010, -31.6511, 25.2567

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

120.0800, -11.3784, 9.5768

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.2010, -31.6511, 25.2567 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, 118, 56)` looks like.

```
.text, #text, p{  
    color:rgb(149, 118, 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(149, 118, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 118, 56) }
```

Border

The CSS property to change the border of an element to YUV 120.2010, -31.6511, 25.2567 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, 118, 56) }
```


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

```
.border{ border-color:rgb(149, 118, 56) }
```

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

Here you see how a box with a 4 pixel rgb(149, 118, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 118, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 118, 56);  
box-shadow:4px 4px 4px 4px rgb(149, 118,  
56) }
```

Background

The CSS property to change the background color of an element to YUV 120.2010, -31.6511, 25.2567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 118, 56) }
```

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

```
.background{ background-color: rgb(149,  
118, 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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