

Converting Colors

YUV(120.1630, -4.0244,
-15.9290)

Have a look what the booklet for
YUV(120.1630, -4.0244, -15.9290)
contains.

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Color

**YUV(120.1630, -4.0244,
-15.9290)**

Conversions

Conversions Part 1

Format	Color
Hex	668370
RGB	102, 131, 112
RGB Percent	40%, 51%, 44%
CMY	0.6000, 0.4863, 0.5608
CMYK	0.22, 0.00, 0.15, 0.49
HSL	141°, 12%, 46%
HSV	141°, 22%, 51%
XYZ	16.5204, 20.2272, 18.3628
YIQ	120.1630, -11.1850, -12.0570

Conversions

Conversions Part 2

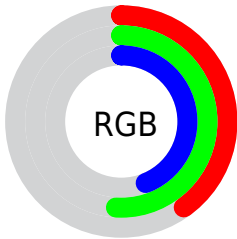
Format	Color
RYB	102, 124, 131
Decimal	6718320
CIELab	52.09, -14.47, 6.90
CIElCh	52, 16.029, 154.489
Yxy	20.2272, 0.2998, 0.3670
Android (android.graphics.Color)	4284908400 (0xFF668370)
YUV	120.1630, -4.0244, -15.9290
Hunter-Lab	44.9747, -13.1378, 7.2747

Details

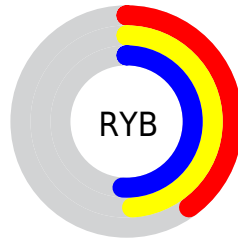
The YUV color **120.1630, -4.0244, -15.9290** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **112.8370, 4.0244, 15.9290**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.4510, -4.1663, -17.0585**, and **71.5760, -3.7350, -15.4142** is the 20% darker color. If you saturate the color by 10%, you get **115.2500, -6.0393, -23.0212**, and if you desaturate by 10%, it is **125.0760, -2.0095, -8.8367**.

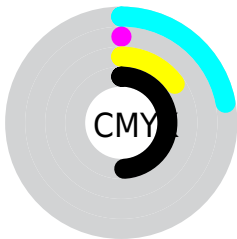
Distribution



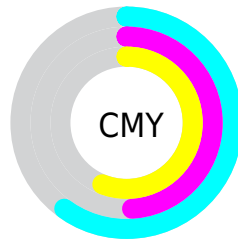
- Red (40%)
- Green (51%)
- Blue (44%)



- Red (40%)
- Yellow (49%)
- Blue (51%)



- Cyan (22%)
- Magenta (0%)
- Yellow (15%)
- Black (49%)



- Cyan (60%)
- Magenta (49%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.1630, -4.0244, -15.9290 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 120.1630, -4.0244, -15.9290 by changing the saturation by 10% instead.

■ 120.1630, -4.0244,
-15.9290

■ 120.1630, -4.0244,
-15.9290

255.0000, 0.0000,
0.0000

■ 95.5760, -3.7350,
-15.4142

■ 172.4510, -4.1663,
-17.0585

■ 71.5760, -3.7350,
-15.4142

■ 200.0380, -4.4557,
-17.5733

■ 48.4020, -3.1562,
-14.3846

■ 228.0380, -4.4557,
-17.5733

■ 27.2170, -2.5720,
-15.0993

■ 248.4070, -0.6937,
-10.8809

■ 8.2180, -4.0515,
-7.2072

■ 0.0000, 0.0000,
0.0000

■ 120.1630, -4.0244,
-15.9290

■ 120.1630, -4.0244,
-15.9290

■ 115.2500, -6.0393,
-23.0212

■ 125.0760, -2.0095,
-8.8367

■ 110.4510, -7.6173,
-30.2135

■ 129.8750, -0.4314,
-1.6444

■ 105.5380, -9.6322,
-37.3058

■ 134.7880, 1.5835,
5.4479

■ 100.7390,
-11.2103, -44.4981

■ 139.5870, 3.1616,
12.6402

■ 95.8260, -13.2252,
-51.5904

■ 144.7990, 5.0291,
20.3473

■ 90.7280, -14.6559,
-59.3975

■ 149.5980, 6.6072,
27.5396

■ 85.8150, -16.6708,
-66.4898

■ 154.5110, 8.6221,
34.6319

■ 82.0270, -18.2543,

■ 159.4240, 10.6370,

-71.9377

41.7242

 164.2230, 12.2151,
48.9164

Harmonies

Analogous

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



121.6330, -10.1721, -4.0631



120.1630, -4.0244, -15.9290



118.7580, 3.5703, -25.2208

Triad

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



120.1630, -4.0244, -15.9290



123.7780, 13.4204, -11.2063



125.9660, -8.3642, 22.8318

Complementary

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



120.1630, -4.0244, -15.9290



112.8370, 4.0244, 15.9290

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.



126.9750, -1.9597, 21.9469



120.1630, -4.0244, -15.9290



125.7690, 10.4669, 2.8336

Square

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



120.1630, -4.0244, -15.9290



121.1140, 13.7478, -22.9020



126.6520, 4.6086, 15.2142



124.6080, -12.1317, 17.8838

Rectangle

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



120.1630, -4.0244, -15.9290



118.8870, 7.9437, -27.9649



126.6520, 4.6086, 15.2142



126.1340, -6.4751, 23.5615

Sweetspot

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



120.1630, -4.0244, -15.9290



166.5000, -1.7255, -6.5775



124.7040, -11.1931, -3.2484



84.3370, -1.1521, -3.8035



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



120.1630, -4.0244, -15.9290



153.8260, -6.3232, -25.2804



121.7590, 2.0908, -17.3286



63.7500, -0.8627, -3.2887



81.4400, -17.9649, -71.4229



1.8750, -0.4314, -1.6444

Inverse Universe

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



112.8370, 4.0244, 15.9290



142.1740, 6.3232, 25.2804



111.2410, -2.0908, 17.3286



62.2500, 0.8628, 3.2888



48.5600, 17.9649, 71.4229



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 120.1630, -4.0244, -15.9290 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 120.1630, -4.0244, -15.9290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

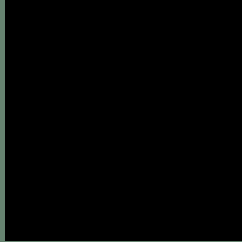
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 120.1630, -4.0244, -15.9290

Background



This preview shows how black text looks on a background with the YUV color 120.1630, -4.0244, -15.9290.



This preview shows how white text looks on a background with the YUV color 120.1630, -4.0244,

-15.9290.

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

120.1630, -4.0244, -15.9290

Protanopia

123.9700, -7.8732, 5.2883

Deuteranopia

124.9970, -5.4215, 12.2806



Tritanopia

122.2740, 7.7529, -13.3953

Trichromacy



Original Color

120.1630, -4.0244, -15.9290

Protanomaly

122.8550, -6.8305, -2.5038

Deuteranomaly

123.3440, -5.0996, 2.3293

Tritanomaly

121.2370, 3.8272, -14.2398

Monochromacy



Original Color

120.1630, -4.0244, -15.9290

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

119.9130, -1.4361, -6.0627

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.1630, -4.0244, -15.9290 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(102, 131, 112)` looks like.

```
.text, #text, p{  
    color:rgb(102, 131, 112)  
}
```

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(102, 131, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 131, 112) }
```

Border

The CSS property to change the border of an element to YUV 120.1630, -4.0244, -15.9290 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(102, 131, 112) }
```


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

```
.border{ border-color:rgb(102, 131, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 131, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 131, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 131, 112);  
box-shadow:4px 4px 4px 4px rgb(102, 131,  
112) }
```

Background

The CSS property to change the background color of an element to YUV 120.1630, -4.0244, -15.9290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 131, 112) }
```

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

```
.background{ background-color: rgb(102,  
131, 112) }
```

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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