

Converting Colors

YUV(120.2840, -7.5350, -9.8961)

Have a look what the booklet for
YUV(120.2840, -7.5350, -9.8961)
contains.

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Color

**YUV(120.2840, -7.5350,
-9.8961)**

Conversions

Conversions Part 1

Format	Color
Hex	6D8169
RGB	109, 129, 105
RGB Percent	43%, 51%, 41%
CMY	0.5725, 0.4941, 0.5882
CMYK	0.16, 0.00, 0.19, 0.49
HSL	110°, 10%, 46%
HSV	110°, 19%, 51%
XYZ	16.7067, 19.9716, 16.3390
YIQ	120.2840, -4.2160, -11.7040

Conversions

Conversions Part 2

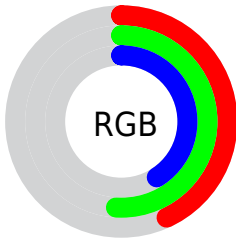
Format	Color
R_{YB}	105, 129, 125
Decimal	7176553
CIE _{Lab}	51.81, -12.18, 10.63
CIE _{LCh}	52, 16.163, 138.899
Yxy	19.9716, 0.3151, 0.3767
Android (android.graphics.Color)	4285366633 (0xFF6D8169)
YUV	120.2840, -7.5350, -9.8961
Hunter-Lab	44.6896, -11.4766, 9.6057

Details

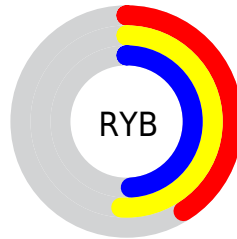
The YUV color $[120.2840, -7.5350, -9.8961]$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $[113.7160, 7.5350, 9.8961]$, and the grayscale version is $[120.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[172.7570, -8.2612, -10.3109]$, and $[71.8110, -6.8088, -9.4812]$ is the 20% darker color. If you saturate the color by 10%, you get $[115.5130, -11.5919, -15.3589]$, and if you desaturate by 10%, it is $[125.0550, -3.4781, -4.4332]$.

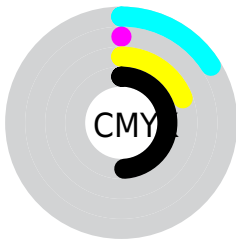
Distribution



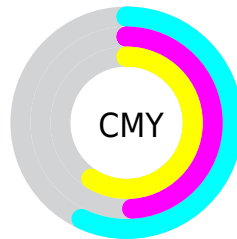
- Red (43%)
- Green (51%)
- Blue (41%)



- Red (41%)
- Yellow (51%)
- Blue (49%)



- Cyan (16%)
- Magenta (0%)
- Yellow (19%)
- Black (49%)



- Cyan (57%)
- Magenta (49%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.2840, -7.5350, -9.8961 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 120.2840, -7.5350, -9.8961 by changing the saturation by 10% instead.

120.2840, -7.5350,
-9.8961

120.2840, -7.5350,
-9.8961

255.0000, 0.0000,
0.0000

95.6970, -7.2456,
-9.3813

172.7570, -8.2612,
-10.3109

71.8110, -6.8088,
-9.4812

200.3440, -8.5506,
-10.8257

49.2240, -6.5194,
-8.9664

228.3440, -8.5506,
-10.8257

27.6370, -6.2300,
-8.4516

249.8870, -5.3673,
-5.1629

7.0440, -3.4727,
-6.1776

0.0000, 0.0000,
0.0000

■ 120.2840, -7.5350,
-9.8961

■ 120.2840, -7.5350,
-9.8961

■ 115.5130,
-11.5919, -15.3589

■ 125.0550, -3.4781,
-4.4332

■ 110.7420,
-15.6488, -20.8217

■ 129.8260, 0.5788,
1.0296

■ 106.2700,
-19.8531, -25.6698

■ 134.2980, 4.7831,
5.8777

■ 101.4990,
-23.9100, -31.1326

■ 139.0690, 8.8400,
11.3405

■ 96.8420, -27.5301,
-36.6954

■ 143.8400, 12.8969,
16.8033

■ 92.0710, -31.5870,
-42.1583

■ 148.4970, 16.5170,
22.3661

■ 87.5990, -35.7913,
-47.0063


■ 152.9690, 20.7213,
27.2142


■ 82.8280, -39.8482,

■ 157.7400, 24.7782,

-52.4692

32.6770

 82.0020, -40.4270,
-53.4988

 162.5110, 28.8351,
38.1399

Harmonies

Analogous

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



121.8080, -12.2303, 2.7994



120.2840, -7.5350, -9.8961



118.7540, -0.3717, -20.8323

Triad

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



120.2840, -7.5350, -9.8961



121.2610, 14.1683, -17.7689



125.4760, -5.1647, 23.2615

Complementary

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



120.2840, -7.5350, -9.8961



113.7160, 7.5350, 9.8961

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.



125.8760, 1.5401, 19.4027



120.2840, -7.5350, -9.8961



124.2950, 12.6726, -4.6437

Square

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



120.2840, -7.5350, -9.8961



119.0380, 12.3063, -27.2203



125.5310, 8.1192, 9.1813



124.9720, -10.8322, 21.0726

Rectangle

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



120.2840, -7.5350, -9.8961



118.2740, 4.3019, -26.5503



125.5310, 8.1192, 9.1813



126.0460, -2.9807, 22.7617

Sweetspot

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



120.2840, -7.5350, -9.8961



164.4680, -3.1887, -3.9184



123.9160, -9.3256, 4.4587



81.8210, -1.8838, -2.4740



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



120.2840, -7.5350, -9.8961



154.5130, -11.5919, -15.3589



120.0000, -3.4510, -13.1550



61.4080, -2.1731, -2.9888



81.4150, -40.1376, -52.9840



0.0000, 0.0000, 0.0000

Inverse Universe

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



113.7160, 7.5350, 9.8961



144.4870, 11.5919, 15.3589



114.0000, 3.4510, 13.1550



59.5920, 2.1731, 2.9888



46.2860, 40.2850, 52.3692



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 120.2840, -7.5350, -9.8961 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 120.2840, -7.5350, -9.8961 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 120.2840, -7.5350, -9.8961

Background



This preview shows how black text looks on a background with the YUV color 120.2840, -7.5350, -9.8961.



This preview shows how white text looks on a background with the YUV color 120.2840, -7.5350,

-9.8961.

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

120.2840, -7.5350, -9.8961

Protanopia

122.6990, -10.2046, 6.4030

Deuteranopia

124.2100, -8.4845, 14.7248



Tritanopia

122.8510, 5.9895, -7.7623

Trichromacy



Original Color

120.2840, -7.5350, -9.8961

Protanomaly

121.5950, -9.1673, 0.3552

Deuteranomaly

122.8560, -8.3100, 5.3883

Tritanomaly

121.5860, 1.1901, -8.4069

Monochromacy



Original Color

120.2840, -7.5350, -9.8961

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

119.9950, -2.4625, -3.5036

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.2840, -7.5350, -9.8961 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(109, 129, 105)` looks like.

```
.text, #text, p{  
    color:rgb(109, 129, 105)  
}
```

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(109, 129, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 129, 105) }
```

Border

The CSS property to change the border of an element to YUV 120.2840, -7.5350, -9.8961 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(109, 129, 105) }
```


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

```
.border{ border-color:rgb(109, 129, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 129, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 129, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 129, 105);  
box-shadow:4px 4px 4px 4px rgb(109, 129,  
105) }
```

Background

The CSS property to change the background color of an element to YUV 120.2840, -7.5350, -9.8961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 129, 105) }
```

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

```
.background{ background-color: rgb(109,  
129, 105) }
```

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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