

Converting Colors

YUV(123.7020, -8.2341,
-19.0327)

Have a look what the booklet for
YUV(123.7020, -8.2341, -19.0327)
contains.

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Color

**YUV(123.7020, -8.2341,
-19.0327)**

Conversions

Conversions Part 1

Format	Color
Hex	668A6B
RGB	102, 138, 107
RGB Percent	40%, 54%, 42%
CMY	0.6000, 0.4588, 0.5804
CMYK	0.26, 0.00, 0.22, 0.46
HSL	128°, 15%, 47%
HSV	128°, 26%, 54%
XYZ	17.2218, 22.0633, 17.2609
YIQ	123.7020, -11.5050, -17.2730

Conversions

Conversions Part 2

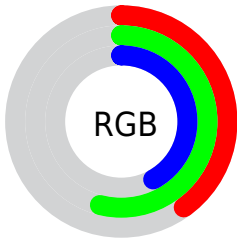
Format	Color
R_{YB}	102, 134, 138
Decimal	6720107
CIE _{Lab}	54.09, -19.20, 12.61
CIE _{LCh}	54, 22.968, 146.701
Yxy	22.0633, 0.3046, 0.3902
Android (android.graphics.Color)	4284910187 (0xFF668A6B)
YUV	123.7020, -8.2341, -19.0327
Hunter-Lab	46.9716, -16.7544, 11.0925

Details

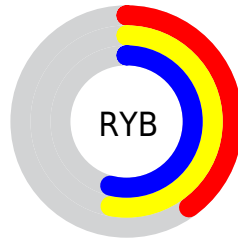
The YUV color $123.7020, -8.2341, -19.0327$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $116.2980, 8.2341, 19.0327$, and the grayscale version is $124.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $176.7620, -9.2497, -19.9623$, and $74.6420, -7.2185, -18.1030$ is the 20% darker color. If you saturate the color by 10%, you get $118.1480, -11.4120, -26.4398$, and if you desaturate by 10%, it is $129.2560, -5.0562, -11.6255$.

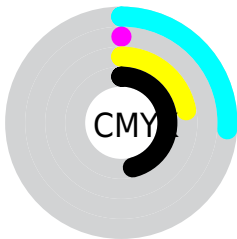
Distribution



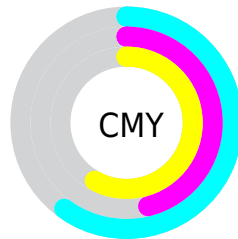
- Red (40%)
- Green (54%)
- Blue (42%)



- Red (40%)
- Yellow (53%)
- Blue (54%)



- Cyan (26%)
- Magenta (0%)
- Yellow (22%)
- Black (46%)



- Cyan (60%)
- Magenta (46%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.7020, -8.2341, -19.0327 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 123.7020, -8.2341, -19.0327 by changing the saturation by 10% instead.

■ 123.7020, -8.2341,
-19.0327

■ 123.7020, -8.2341,
-19.0327

■ 255.0000, 0.0000,
0.0000

■ 98.2290, -7.5079,
-18.6178

■ 176.7620, -9.2497,
-19.9623

■ 74.6420, -7.2185,
-18.1030

■ 204.3490, -9.5391,
-20.4771

■ 51.1690, -6.4923,
-17.6882

■ 232.3490, -9.5391,
-20.4771

■ 28.9840, -5.9081,
-18.4030

■ 248.1360, -3.0250,
-9.7663

■ 13.5010, -6.6560,
-11.8404

■ 0.0000, 0.0000,
0.0000

■ 123.7020, -8.2341,
-19.0327

■ 123.7020, -8.2341,
-19.0327

■ 118.1480,
-11.4120, -26.4398

■ 129.2560, -5.0562,
-11.6255

■ 112.5940,
-14.5898, -33.8469

■ 134.8100, -1.8783,
-4.2184

■ 107.3390,
-17.9151, -40.6393

■ 140.0650, 1.4470,
2.5740

■ 101.7850,
-21.0930, -48.0464

■ 145.6190, 4.6248,
9.9811

■ 96.3450, -23.8341,
-55.5536

■ 151.0590, 7.3659,
17.4883

■ 90.7910, -27.0120,
-62.9607

■ 156.6130, 10.5438,
24.8954

■ 85.2370, -30.1898,
-70.3678


■ 162.1670, 13.7217,
32.3025

■ 83.1720, -31.6368,

■ 167.4220, 17.0470,

-72.9418

39.0949

 172.9760, 20.2248,
46.5020

Harmonies

Analogous

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



126.7490, -16.1453, -1.5339



123.7020, -8.2341, -19.0327



120.4640, 2.7292, -35.4869

Triad

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



123.7020, -8.2341, -19.0327



126.8350, 20.2943, -22.6573



131.3910, -9.5598, 32.9831

Complementary

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



123.7020, -8.2341, -19.0327



116.2980, 8.2341, 19.0327

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.



132.1870, -0.0922, 29.6540



123.7020, -8.2341, -19.0327



130.7560, 16.8823, -1.5400

Square

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



123.7020, -8.2341, -19.0327



121.6110, 19.9118, -40.0008



132.8140, 8.9657, 17.7031



130.2240, -16.3794, 26.9906

Rectangle

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



123.7020, -8.2341, -19.0327



119.0700, 10.3185, -43.0344



132.8140, 8.9657, 17.7031



131.6020, -6.2128, 32.7980

Sweetspot

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



123.7020, -8.2341, -19.0327



173.0330, -3.4673, -7.9219



132.4010, -14.9877, 0.5253



85.5110, -1.7309, -4.8331



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



123.7020, -8.2341, -19.0327



156.7840, -12.7115, -29.6286



125.7540, -0.3717, -20.8323



66.2230, -1.5889, -3.7036



80.1230, -30.6266, -70.2679



3.0490, -1.0102, -2.6740

Inverse Universe

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



116.2980, 8.2341, 19.0327



145.2160, 12.7115, 29.6286



114.2460, 0.3717, 20.8323



64.7770, 1.5889, 3.7036



52.7630, 30.1898, 70.3678



1.9510, 1.0102, 2.6740

Previews

White Background



This preview shows how the YUV color 123.7020, -8.2341, -19.0327 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 123.7020, -8.2341, -19.0327 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 123.7020, -8.2341, -19.0327

Background



This preview shows how black text looks on a background with the YUV color 123.7020, -8.2341, -19.0327.



This preview shows how white text looks on a background with the YUV color 123.7020, -8.2341, -19.0327.

-19.0327.

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

123.7020, -8.2341, -19.0327

Protanopia

128.4280, -12.5360, 7.5176

Deuteranopia

129.5800, -9.6529, 16.1543



Tritanopia

127.0780, 8.3425, -15.8544

Trichromacy



Original Color

123.7020, -8.2341, -19.0327

Protanomaly

126.4160, -11.0511, -2.1188

Deuteranomaly

127.3180, -9.0308, 3.2291

Tritanomaly

125.8730, 2.5276, -17.4286

Monochromacy



Original Color

123.7020, -8.2341, -19.0327

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

123.8590, -2.8885, -6.8923

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.7020, -8.2341, -19.0327 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, 138, 107)` looks like.

```
.text, #text, p{  
    color:rgb(102, 138, 107)  
}
```

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, 138, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 138, 107) }
```

Border

The CSS property to change the border of an element to YUV 123.7020, -8.2341, -19.0327 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, 138, 107) }
```


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

```
.border{ border-color:rgb(102, 138, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 138, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 138, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 138, 107);  
box-shadow:4px 4px 4px 4px rgb(102, 138,  
107) }
```

Background

The CSS property to change the background color of an element to YUV 123.7020, -8.2341, -19.0327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 138, 107) }
```

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

```
.background{ background-color: rgb(102,  
138, 107) }
```

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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