

Converting Colors

YUV(120.5190, -7.1579, 9.1918)

Have a look what the booklet for
YUV(120.5190, -7.1579, 9.1918)
contains.

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Color

**YUV(120.5190, -7.1579,
9.1918)**

Conversions

Conversions Part 1

Format	Color
Hex	83766A
RGB	131, 118, 106
RGB Percent	51%, 46%, 42%
CMY	0.4863, 0.5373, 0.5843
CMYK	0.00, 0.10, 0.19, 0.49
HSL	29°, 11%, 46%
HSV	29°, 19%, 51%
XYZ	18.4400, 18.8228, 16.2969
YIQ	120.5190, 11.6000, -0.9760

Conversions

Conversions Part 2

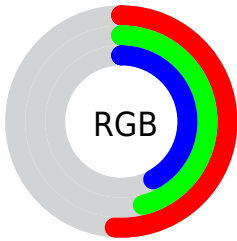
Format	Color
R_{YB}	131, 129, 106
Decimal	8615530
CIE Lab	50.48, 2.90, 8.43
CIE LCh	50, 8.917, 70.990
Yxy	18.8228, 0.3443, 0.3514
Android (android.graphics.Color)	4286805610 (0xFF83766A)
YUV	120.5190, -7.1579, 9.1918
Hunter-Lab	43.3852, -0.0562, 8.0983

Details

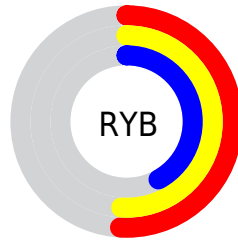
The YUV color $120.5190, -7.1579, 9.1918$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $116.4810, 7.1579, -9.1918$, and the grayscale version is $121.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $172.7040, -7.7421, 9.9066$, and $72.0350, -6.4263, 7.8623$ is the 20% darker color. If you saturate the color by 10%, you get $114.9280, -10.8105, 14.0951$, and if you desaturate by 10%, it is $126.1100, -3.5052, 4.2885$.

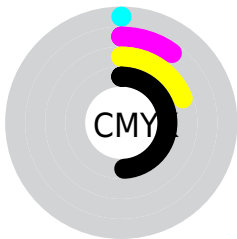
Distribution



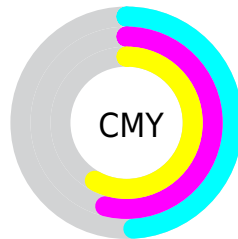
- Red (51%)
- Green (46%)
- Blue (42%)



- Red (51%)
- Yellow (51%)
- Blue (42%)



- Cyan (0%)
- Magenta (10%)
- Yellow (19%)
- Black (49%)





- Cyan (49%)
- Magenta (54%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the YUV color 120.5190, -7.1579, 9.1918 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 120.5190, -7.1579, 9.1918 by changing the saturation by 10% instead.


 120.5190, -7.1579,
9.1918


 120.5190, -7.1579,
9.1918


255.0000, 0.0000,
0.0000


 95.6330, -6.7211,
9.0919


 172.7040, -7.7421,
9.9066


 72.0350, -6.4263,
7.8623


 200.0030, -7.8895,
10.5214

 49.7360, -6.2788,
7.2475

 228.0030, -7.8895,
10.5214

 28.4370, -6.1314,
6.6328

 252.7030, -6.2626,
2.0145

 2.9900, -1.4741,
6.1478

 0.0000, 0.0000,
0.0000

■ 120.5190, -7.1579,
9.1918

■ 120.5190, -7.1579,
9.1918

■ 114.9280,
-10.8105, 14.0951

■ 126.1100, -3.5052,
4.2885

■ 109.3370,
-14.4631, 18.9985

■ 131.7010, 0.1474,
-0.6148

■ 104.3330,
-18.4052, 23.3870

■ 136.7050, 4.0894,
-5.0033

■ 98.7420, -22.0578,
28.2903

■ 142.2960, 7.7421,
-9.9066

■ 93.1510, -25.7104,
33.1936

■ 148.0010, 11.8315,
-14.9099

■ 87.4460, -29.7999,
38.1969

■ 153.5920, 15.4841,
-19.8132

■ 81.8550, -33.4525,
43.1002

■ 159.1830, 19.1368,
-24.7165

■ 76.8510, -37.3945,

■ 164.1870, 23.0788,

47.4887

-29.1050

■ 76.1500, -37.5419,
48.1035

■ 169.7780, 26.7314,
-34.0083

Harmonies

Analogous

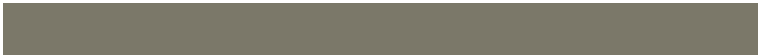
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



121.2960, -5.5689, 12.8954



120.5190, -7.1579, 9.1918



119.1870, -6.9942, 3.3440

Triad

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



120.5190, -7.1579, 9.1918



117.8950, 2.5168, -13.9399



121.1020, 5.3727, 3.4185

Complementary

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



120.5190, -7.1579, 9.1918



116.4810, 7.1579, -9.1918

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.



120.5140, 7.1416, -3.9588



120.5190, -7.1579, 9.1918



118.1060, 5.8637, -14.1250

Square

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



120.5190, -7.1579, 9.1918



117.8910, -1.4253, -9.5514



118.8830, 7.4527, -10.4214



122.1090, 1.4253, 9.5514

Rectangle

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



120.5190, -7.1579, 9.1918



119.0940, -5.9623, -0.9594



118.8830, 7.4527, -10.4214



120.9060, 5.9623, 0.9594

Sweetspot

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



120.5190, -7.1579, 9.1918



166.9250, -2.9210, 3.5738



114.9570, 1.9932, 14.0697



84.5550, -1.7526, 2.1443



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.



120.5190, -7.1579, 9.1918



154.2270, -10.9579, 14.7099



127.5630, -10.6306, 3.0142



63.5550, -1.7526, 2.1443



75.2640, -37.1052, 48.0035



1.4840, -0.7316, 1.3295

Inverse Universe

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



116.4810, 7.1579, -9.1918



148.1860, 11.2473, -14.1951



109.4370, 10.6306, -3.0142



62.4450, 1.7526, -2.1443



54.7360, 37.1052, -48.0035



0.9290, 1.0210, -0.8147

Previews

White Background



This preview shows how the YUV color 120.5190, -7.1579, 9.1918 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 120.5190, -7.1579, 9.1918 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 120.5190, -7.1579, 9.1918

Background



This preview shows how black text looks on a background with the YUV color 120.5190, -7.1579, 9.1918.



This preview shows how white text looks on a background with the YUV color 120.5190, -7.1579,

9.1918.

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

120.5190, -7.1579, 9.1918

Protanopia

120.0130, -6.4154, 4.3736

Deuteranopia

121.1390, -7.4635, 13.9101



Tritanopia

121.4080, 1.2779, 10.1662

Trichromacy



Original Color

120.5190, -7.1579, 9.1918

Protanomaly

120.0240, -6.4208, 6.1180

Deuteranomaly

121.1280, -7.4581, 12.1657

Tritanomaly

120.8980, -1.9217, 9.7365

Monochromacy



Original Color

120.5190, -7.1579, 9.1918

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

121.0390, -2.4842, 3.4738

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.5190, -7.1579, 9.1918 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(131, 118, 106)` looks like.

```
.text, #text, p{  
    color:rgb(131, 118, 106)  
}
```

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(131, 118, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 118, 106) }
```

Border

The CSS property to change the border of an element to YUV 120.5190, -7.1579, 9.1918 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(131, 118, 106) }
```


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

```
.border{ border-color:rgb(131, 118, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 118, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 118, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 118, 106);  
box-shadow:4px 4px 4px 4px rgb(131, 118,  
106) }
```

Background

The CSS property to change the background color of an element to YUV 120.5190, -7.1579, 9.1918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 118, 106) }
```

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

```
.background{ background-color: rgb(131,  
118, 106) }
```

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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