

Converting Colors

YUV(111.2520, -2.0962,
19.0730)

Have a look what the booklet for
YUV(111.2520, -2.0962, 19.0730)
contains.

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Color

**YUV(111.2520, -2.0962,
19.0730)**

Conversions

Conversions Part 1

Format	Color
Hex	85656B
RGB	133, 101, 107
RGB Percent	52%, 40%, 42%
CMY	0.4784, 0.6039, 0.5804
CMYK	0.00, 0.24, 0.20, 0.48
HSL	349°, 14%, 46%
HSV	349°, 24%, 52%
XYZ	16.9804, 15.3554, 15.9789
YIQ	111.2520, 17.1460, 8.6500

Conversions

Conversions Part 2

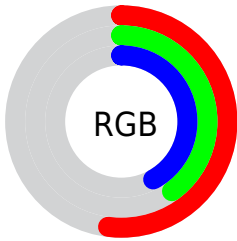
Format	Color
R_{YB}	133, 101, 107
Decimal	8742251
CIE _{Lab}	46.12, 13.86, 1.61
CIE _{LCh}	46, 13.951, 6.608
Yxy	15.3554, 0.3515, 0.3178
Android (android.graphics.Color)	4286932331 (0xFF85656B)
YUV	111.2520, -2.0962, 19.0730
Hunter-Lab	39.1860, 8.7735, 3.2536

Details

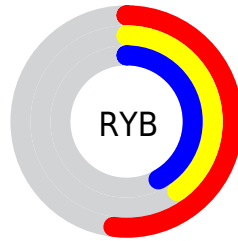
The YUV color **111.2520, -2.0962, 19.0730** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **122.7480, 2.0962, -19.0730**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.1490, -2.5385, 20.9173**, and **63.3550, -1.6540, 17.2287** is the 20% darker color. If you saturate the color by 10%, you get **102.3670, -3.1389, 26.8651**, and if you desaturate by 10%, it is **120.1370, -1.0535, 11.2809**.

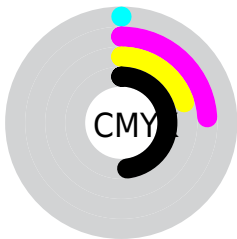
Distribution



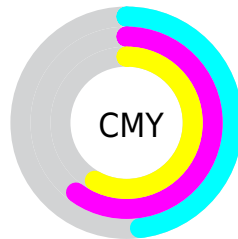
- Red (52%)
- Green (40%)
- Blue (42%)



- Red (52%)
- Yellow (40%)
- Blue (42%)



- Cyan (0%)
- Magenta (24%)
- Yellow (20%)
- Black (48%)



- Cyan (48%)
- Magenta (60%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.2520, -2.0962, 19.0730 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 111.2520, -2.0962, 19.0730 by changing the saturation by 10% instead.

■ 111.2520, -2.0962,
19.0730

■ 111.2520, -2.0962,
19.0730

255.0000, 0.0000,
0.0000

■ 86.6540, -1.8014,
17.8434

■ 163.1490, -2.5385,
20.9173

■ 63.3550, -1.6540,
17.2287

■ 190.4480, -2.6859,
21.5321

■ 40.7570, -1.3592,
15.9991

■ 217.8610, -2.3965,
22.0469

■ 19.4580, -1.2118,
15.3843

■ 241.6640, -0.3274,
11.6957

■ 0.0000, 0.0000,
0.0000

■ 111.2520, -2.0962,

■ 111.2520, -2.0962,

19.0730

19.0730

■ 102.3670, -3.1389,
26.8651

■ 120.1370, -1.0535,
11.2809

■ 92.8950, -3.8922,
35.1721

■ 129.6090, -0.3002,
2.9739

■ 84.1240, -4.4981,
42.8643

■ 138.3800, 0.3057,
-4.7183

■ 75.2390, -5.5408,
50.6564

■ 147.2650, 1.3484,
-12.5104

■ 65.7670, -6.2941,
58.9633

■ 156.7370, 2.1017,
-20.8173

■ 56.8820, -7.3368,
66.7555

■ 165.6220, 3.1444,
-28.6095

■ 47.9970, -8.3795,
74.5476

■ 174.5070, 4.1870,
-36.4016

■ 42.6170, -8.6852,
79.2659

■ 183.2780, 4.7929,
-44.0938

■ 192.7500, 5.5462,
-52.4008

Harmonies

Analogous

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



111.4130, 3.7404, 13.6698



111.2520, -2.0962, 19.0730



110.5850, -7.1904, 19.6580

Triad

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



111.2520, -2.0962, 19.0730



107.3880, -8.5723, -3.8483



106.5660, 11.5530, -18.9134

Complementary

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



111.2520, -2.0962, 19.0730



122.7480, 2.0962, -19.0730

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.



104.8490, 8.9484, -23.5466



111.2520, -2.0962, 19.0730



105.8150, -2.8668, -13.8698

Square

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



111.2520, -2.0962, 19.0730



108.4710, -11.0782, 6.6029



104.6660, 3.1227, -21.6321



108.6320, 11.5204, -8.4473

Rectangle

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



111.2520, -2.0962, 19.0730



109.8790, -9.8003, 16.7691



104.6660, 3.1227, -21.6321



106.0280, 10.8322, -21.0726

Sweetspot

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



111.2520, -2.0962, 19.0730



164.9300, -0.4585, 7.0774



112.4220, 10.1450, 12.7849



82.2070, -0.5951, 4.2035



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.



111.2520, -2.0962, 19.0730



139.0900, -3.0024, 29.7391



116.4380, -7.6109, 14.5249



61.9080, -0.4476, 3.5887



41.6060, -8.6798, 77.5215



0.8970, -0.4422, 1.8443

Inverse Universe

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



111.2520, -2.0962, 19.0730



139.0900, -3.0024, 29.7391



117.5620, 7.6109, -14.5249



61.9080, -0.4476, 3.5887



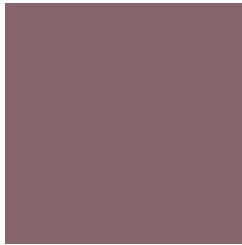
41.6060, -8.6798, 77.5215



0.8970, -0.4422, 1.8443

Previews

White Background



This preview shows how the YUV color 111.2520, -2.0962, 19.0730 looks on a white 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

Black Background



This preview shows how the YUV color 111.2520, -2.0962, 19.0730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

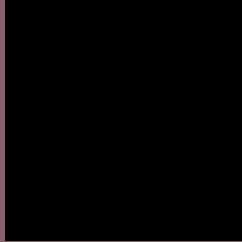
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 111.2520, -2.0962, 19.0730

Background



This preview shows how black text looks on a background with the YUV color 111.2520, -2.0962, 19.0730.



This preview shows how white text looks on a background with the YUV color 111.2520, -2.0962,

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

111.2520, -2.0962, 19.0730

Protanopia

109.9400, 1.0156, 0.9296

Deuteranopia

110.4850, -2.2111, 9.2217



Tritanopia

111.4800, -1.2226, 18.8730

Trichromacy



Original Color

111.2520, -2.0962, 19.0730

Protanomaly

110.3430, -0.1691, 7.5922

Deuteranomaly

110.5070, -2.2220, 12.7104

Tritanomaly

111.3660, -1.6594, 18.9730

Monochromacy



Original Color

111.2520, -2.0962, 19.0730

Achromatopsia

111.0000, 0.0000, 0.0000

Achromatomaly

110.9300, -0.4585, 7.0774

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.2520, -2.0962, 19.0730 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(133, 101, 107)` looks like.

```
.text, #text, p{  
    color:rgb(133, 101, 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(133, 101, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 101, 107) }
```

Border

The CSS property to change the border of an element to YUV 111.2520, -2.0962, 19.0730 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(133, 101, 107) }
```


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

```
.border{ border-color:rgb(133, 101, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 101, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 101, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 101, 107);  
box-shadow:4px 4px 4px 4px rgb(133, 101,  
107) }
```

Background

The CSS property to change the background color of an element to YUV 111.2520, -2.0962, 19.0730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 101, 107) }
```

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

```
.background{ background-color: rgb(133,  
101, 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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