

Converting Colors

YUV(120.5420, -8.6482,
20.5727)

Have a look what the booklet for
YUV(120.5420, -8.6482, 20.5727)
contains.

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Color

**YUV(120.5420, -8.6482,
20.5727)**

Conversions

Conversions Part 1

Format	Color
Hex	907067
RGB	144, 112, 103
RGB Percent	56%, 44%, 40%
CMY	0.4353, 0.5608, 0.5961
CMYK	0.00, 0.22, 0.28, 0.44
HSL	13°, 17%, 48%
HSV	13°, 28%, 56%
XYZ	19.7440, 18.4969, 15.3616
YIQ	120.5420, 21.9610, 3.9850

Conversions

Conversions Part 2

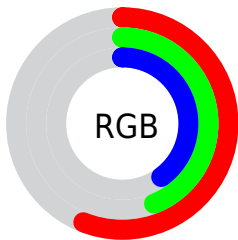
Format	Color
R_{YB}	144, 115, 103
Decimal	9465959
CIE _{Lab}	50.09, 11.24, 9.84
CIE _{LCh}	50, 14.933, 41.203
Yxy	18.4969, 0.3683, 0.3451
Android (android.graphics.Color)	4287656039 (0xFF907067)
YUV	120.5420, -8.6482, 20.5727
Hunter-Lab	43.0080, 6.6810, 8.9284

Details

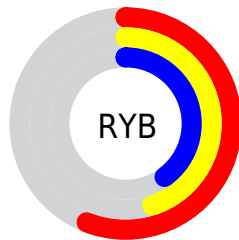
The YUV color **120.5420, -8.6482, 20.5727** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **126.4580, 8.6482, -20.5727**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.3250, -9.5272, 22.5170**, and **71.7590, -7.7692, 18.6284** is the 20% darker color. If you saturate the color by 10%, you get **112.4890, -11.5801, 27.6351**, and if you desaturate by 10%, it is **128.5950, -5.7163, 13.5102**.

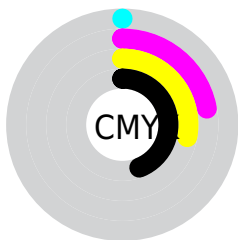
Distribution



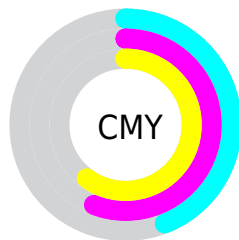
- Red (56%)
- Green (44%)
- Blue (40%)



- Red (56%)
- Yellow (45%)
- Blue (40%)



- Cyan (0%)
- Magenta (22%)
- Yellow (28%)
- Black (44%)



- Cyan (44%)
- Magenta (56%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the YUV color 120.5420, -8.6482, 20.5727 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 120.5420, -8.6482, 20.5727 by changing the saturation by 10% instead.


 120.5420, -8.6482,
20.5727


 120.5420, -8.6482,
20.5727


255.0000, 0.0000,
0.0000


 95.9440, -8.3534,
19.3431


 173.3250, -9.5272,
22.5170

 71.7590, -7.7692,
18.6284


 200.6240, -9.6746,
23.1318


 48.9760, -6.8902,
16.6840

 228.5100,
-10.1114, 23.2317

 27.2640, -7.0322,
15.5545

 248.2520, -5.5472,
5.9180

 7.1760, -3.5378,
14.7546

 0.0000, 0.0000,
0.0000

■ 120.5420, -8.6482,
20.5727

■ 120.5420, -8.6482,
20.5727

■ 112.4890,
-11.5801, 27.6351

■ 128.5950, -5.7163,
13.5102

■ 104.3220,
-14.9487, 34.7976

■ 136.7620, -2.3477,
6.3477

■ 95.6820, -17.5912,
42.3749

■ 145.4020, 0.2948,
-1.2296

■ 87.5150, -20.9599,
49.5373

■ 153.5690, 3.6635,
-8.3920

■ 79.4620, -23.8918,
56.5998

■ 161.6220, 6.5954,
-15.4545

■ 71.4090, -26.8236,
63.6623

■ 169.6750, 9.5272,
-22.5170

■ 62.6550, -29.9029,
71.3396

■ 178.4290, 12.6065,
-30.1942

■ 61.8400, -30.4871,

■ 186.4820, 15.5384,

72.0543

-37.2567

■ 194.6490, 18.9070,
-44.4192

Harmonies

Analogous

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



121.0350, -2.9753, 21.0173



120.5420, -8.6482, 20.5727



119.5860, -12.1209, 14.3951

Triad

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



120.5420, -8.6482, 20.5727



115.3200, -2.1298, -16.9436



119.4580, 12.0992, -7.4177

Complementary

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



120.5420, -8.6482, 20.5727



126.4580, 8.6482, -20.5727

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.



116.9080, 12.8634, -19.2133



120.5420, -8.6482, 20.5727



114.3990, 4.7333, -24.9059

Square

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



120.5420, -8.6482, 20.5727



116.4910, -8.1301, -5.6926



114.1800, 10.2643, -25.5909



120.6230, 8.5669, 5.5926

Rectangle

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



120.5420, -8.6482, 20.5727



118.2540, -11.9572, 8.5472



114.1800, 10.2643, -25.5909



118.2510, 12.6943, -11.6211

Sweetspot

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



120.5420, -8.6482, 20.5727



176.4310, -3.6635, 8.3920



118.9070, 7.9338, 22.0066



88.1640, -2.0529, 5.1182



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



120.5420, -8.6482, 20.5727



150.0550, -13.3381, 31.5238



132.2820, -14.4360, 10.2767



67.2670, -1.6106, 3.2738



57.9750, -28.5817, 67.5509



3.5660, -1.7580, 3.8886

Inverse Universe

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



126.4580, 8.6482, -20.5727



158.9450, 13.3381, -31.5238



114.7180, 14.4360, -10.2767



68.3200, 1.3212, -3.7886



77.0250, 28.5817, -67.5509



4.4340, 1.7580, -3.8886

Previews

White Background



This preview shows how the YUV color 120.5420, -8.6482, 20.5727 looks on a white background.

Color Contrast Check

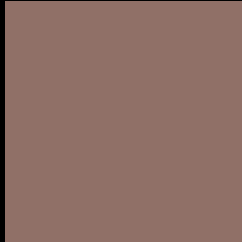
Large Text (above 18pt) WCAG AA ✓ Pass

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 120.5420, -8.6482, 20.5727 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

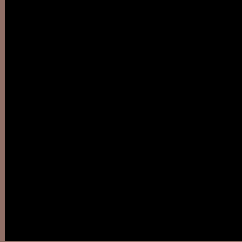
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 120.5420, -8.6482, 20.5727

Background



This preview shows how black text looks on a background with the YUV color 120.5420, -8.6482, 20.5727.

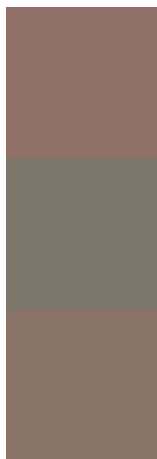


This preview shows how white text looks on a background with the YUV color 120.5420, -8.6482,

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

120.5420, -8.6482, 20.5727

Protanopia

119.4260, -6.1260, 4.8884

Deuteranopia

120.0960, -8.9213, 14.8248



Tritanopia

121.6760, -1.8123, 21.3321

Trichromacy



Original Color

120.5420, -8.6482, 20.5727

Protanomaly

119.6440, -6.7265, 10.8362

Deuteranomaly

120.4060, -9.0742, 17.1839

Tritanomaly

121.3940, -4.1382, 20.7025

Monochromacy



Original Color

120.5420, -8.6482, 20.5727

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

120.8330, -3.3687, 7.1625

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.5420, -8.6482, 20.5727 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(144, 112, 103)` looks like.

```
.text, #text, p{  
    color:rgb(144, 112, 103)  
}
```

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(144, 112, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 112, 103) }
```

Border

The CSS property to change the border of an element to YUV 120.5420, -8.6482, 20.5727 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(144, 112, 103) }
```


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

```
.border{ border-color:rgb(144, 112, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 112, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 112, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 112, 103);  
box-shadow:4px 4px 4px 4px rgb(144, 112,  
103) }
```

Background

The CSS property to change the background color of an element to YUV 120.5420, -8.6482, 20.5727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 112, 103) }
```

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

```
.background{ background-color: rgb(144,  
112, 103) }
```

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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