

Converting Colors

YUV(120.7920, -21.0965,
46.6634)

Have a look what the booklet for
YUV(120.7920, -21.0965, 46.6634)
contains.

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Color

**YUV(120.7920, -21.0965,
46.6634)**

Conversions

Conversions Part 1

Format	Color
Hex	AE664E
RGB	174, 102, 78
RGB Percent	68%, 40%, 31%
CMY	0.3176, 0.6000, 0.6941
CMYK	0.00, 0.41, 0.55, 0.32
HSL	15°, 38%, 49%
HSV	15°, 55%, 68%
XYZ	23.5821, 19.0515, 9.6421
YIQ	120.7920, 50.6160, 7.8000

Conversions

Conversions Part 2

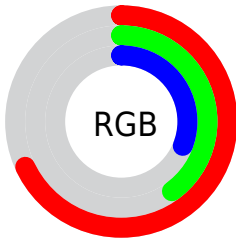
Format	Color
R_{YB}	174, 110, 78
Decimal	11429454
CIE _{Lab}	50.75, 26.48, 25.94
CIE _{LCh}	51, 37.066, 44.405
Yxy	19.0515, 0.4511, 0.3644
Android (android.graphics.Color)	4289619534 (0xFFAE664E)
YUV	120.7920, -21.0965, 46.6634
Hunter-Lab	43.6480, 20.0557, 17.4561

Details

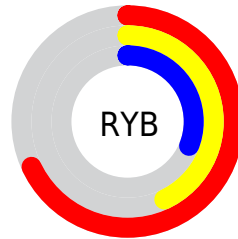
The YUV color **120.7920, -21.0965, 46.6634** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **131.2080, 21.0965, -46.6634**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.2440, -23.2913, 50.6520**, and **70.7420, -18.6068, 41.4453** is the 20% darker color. If you saturate the color by 10%, you get **111.2230, -24.7599, 55.0554**, and if you desaturate by 10%, it is **130.3610, -17.4330, 38.2714**.

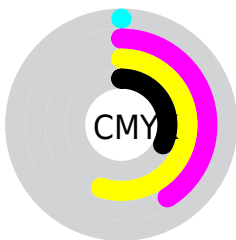
Distribution



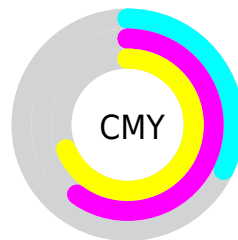
- Red (68%)
- Green (40%)
- Blue (31%)



- Red (68%)
- Yellow (43%)
- Blue (31%)



- Cyan (0%)
- Magenta (41%)
- Yellow (55%)
- Black (32%)



- Cyan (32%)
- Magenta (60%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.7920, -21.0965, 46.6634 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 120.7920, -21.0965, 46.6634 by changing the saturation by 10% instead.

■ 120.7920,
-21.0965, 46.6634

■ 120.7920,
-21.0965, 46.6634

■ 255.0000, 0.0000,
0.0000

■ 95.1230, -19.7806,
44.6191

■ 174.2440,
-23.2913, 50.6520

■ 70.7420, -18.6068,
41.4453

■ 199.9340,
-23.1385, 48.2929

■ 46.3610, -17.4330,
38.2714

■ 219.4480,
-19.4479, 31.1791

■ 23.2450, -11.4598,
35.7421

■ 239.0760,
-15.3205, 13.9653

■ 12.3730, -5.6069,
25.1059

■ 252.8340, -8.2992,
1.8996

■ 0.0000, 0.0000,
0.0000

120.7920,
-21.0965, 46.6634

120.7920,
-21.0965, 46.6634

111.2230,
-24.7599, 55.0554

130.3610,
-17.4330, 38.2714

101.5400,
-28.8602, 63.5474

140.0440,
-13.3327, 29.7794

91.9710, -32.5237,
71.9394

149.6130, -9.6692,
21.3874

82.2880, -36.6240,
80.4314

159.2960, -5.5689,
12.8954

77.8540, -38.3820,
84.3200

168.8650, -1.9054,
4.5034

178.4340, 1.7580,
-3.8886

188.1170, 5.8583,
-12.3806

197.6860, 9.5218,

-20.7726

■ 207.3690, 13.6221,
-29.2646

Harmonies

Analogous

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



122.0820, -7.4354, 51.6711



120.7920, -21.0965, 46.6634



119.1030, -29.6308, 30.6047

Triad

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



120.7920, -21.0965, 46.6634



103.8330, -0.4107, -55.1045



119.6040, 30.7612, -19.8237

Complementary

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



120.7920, -21.0965, 46.6634



131.2080, 21.0965, -46.6634

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.



98.7490, 40.5497, -79.5869



120.7920, -21.0965, 46.6634



95.8090, 19.3212, -84.0245

Square

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



120.7920, -21.0965, 46.6634



112.8300, -19.1432, -20.0219



97.9410, 32.5671, -85.8943



124.4900, 20.4644, 16.2333

Rectangle

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



120.7920, -21.0965, 46.6634



118.0750, -30.6030, 15.7202



97.9410, 32.5671, -85.8943



115.9010, 33.5728, -34.9932

Sweetspot

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



120.7920, -21.0965, 46.6634



205.5310, -8.6428, 18.8283



114.9120, 17.2984, 51.8202



102.3990, -5.1267, 11.0511



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



120.7920, -21.0965, 46.6634



144.1560, -33.1079, 72.6542



148.9680, -34.9872, 21.9531



81.8650, -1.9054, 4.5034



67.1560, -33.1079, 72.6542



10.3990, -5.1267, 11.0511

Inverse Universe

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



131.2080, 21.0965, -46.6634



160.4310, 32.8185, -73.1690



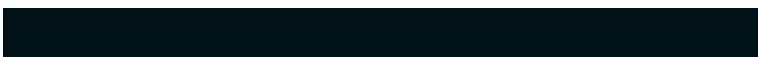
103.0320, 34.9872, -21.9531



83.1350, 1.9054, -4.5034



83.4310, 32.8185, -73.1690



12.6010, 5.1267, -11.0511

Previews

White Background



This preview shows how the YUV color 120.7920, -21.0965, 46.6634 looks on a white background.

Color Contrast Check

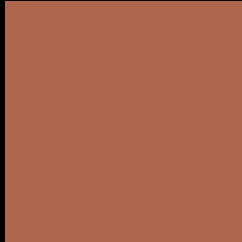
Large Text (above 18pt) WCAG AA ✓ Pass

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 120.7920, -21.0965, 46.6634 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 120.7920, -21.0965, 46.6634 Background



This preview shows how black text looks on a background with the YUV color 120.7920, -21.0965, 46.6634.



This preview shows how white text looks on a background with the YUV color 120.7920, -21.0965,

46.6634.

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

120.7920, -21.0965, 46.6634

Protanopia

120.0000, -16.7620, 9.6470

Deuteranopia

120.5950, -22.4783, 23.1572



Tritanopia

122.1200, -8.4402, 47.2528

Trichromacy



Original Color

120.7920, -21.0965, 46.6634

Protanomaly

120.3330, -18.4052, 23.3870

Deuteranomaly

120.7640, -22.0687, 31.7790

Tritanomaly

121.2680, -12.9501, 47.1230

Monochromacy



Original Color

120.7920, -21.0965, 46.6634

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

120.7480, -7.7638, 16.8840

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.7920, -21.0965, 46.6634 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(174, 102, 78)` looks like.

```
.text, #text, p{  
    color:rgb(174, 102, 78)  
}
```

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(174, 102, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 102, 78) }
```

Border

The CSS property to change the border of an element to YUV 120.7920, -21.0965, 46.6634 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(174, 102, 78) }
```


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

```
.border{ border-color:rgb(174, 102, 78) }
```

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

Here you see how a box with a 4 pixel rgb(174, 102, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 102, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 102, 78);  
box-shadow:4px 4px 4px 4px rgb(174, 102,  
78) }
```

Background

The CSS property to change the background color of an element to YUV 120.7920, -21.0965, 46.6634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 102, 78) }
```

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

```
.background{ background-color: rgb(174,  
102, 78) }
```

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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