

Converting Colors

YUV(120.8580, -14.7200,
8.0175)

Have a look what the booklet for
YUV(120.8580, -14.7200, 8.0175)
contains.

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Color

**YUV(120.8580, -14.7200,
8.0175)**

Conversions

Conversions Part 1

Format	Color
Hex	827A5B
RGB	130, 122, 91
RGB Percent	51%, 48%, 36%
CMY	0.4902, 0.5216, 0.6431
CMYK	0.00, 0.06, 0.30, 0.49
HSL	48°, 18%, 43%
HSV	48°, 30%, 51%
XYZ	18.0538, 19.4202, 12.6945
YIQ	120.8580, 14.7190, -7.9450

Conversions

Conversions Part 2

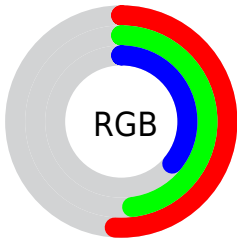
Format	Color
RYB	101, 130, 91
Decimal	8551003
CIELab	51.18, -2.13, 18.11
CIELCh	51, 18.240, 96.709
Yxy	19.4202, 0.3599, 0.3871
Android (android.graphics.Color)	4286741083 (0xFF827A5B)
YUV	120.8580, -14.7200, 8.0175
Hunter-Lab	44.0684, -3.9924, 13.7686

Details

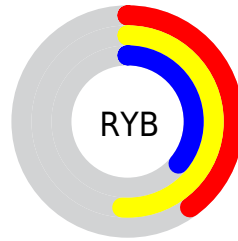
The YUV color **120.8580, -14.7200, 8.0175** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **100.1420, 14.7200, -8.0175**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.9290, -15.7410, 8.8323**, and **72.4880, -13.5516, 6.5880** is the 20% darker color. If you saturate the color by 10%, you get **117.6150, -19.5302, 10.8616**, and if you desaturate by 10%, it is **124.1010, -9.9098, 5.1734**.

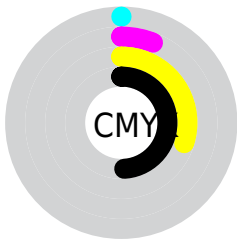
Distribution



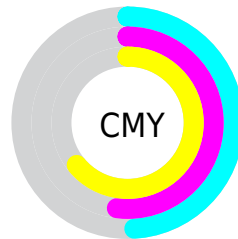
- Red (51%)
- Green (48%)
- Blue (36%)



- Red (40%)
- Yellow (51%)
- Blue (36%)



- Cyan (0%)
- Magenta (6%)
- Yellow (30%)
- Black (49%)



- Cyan (49%)
- Magenta (52%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.8580, -14.7200, 8.0175 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 120.8580, -14.7200, 8.0175 by changing the saturation by 10% instead.

■ 120.8580,
-14.7200, 8.0175

■ 120.8580,
-14.7200, 8.0175

■ 255.0000, 0.0000,
0.0000

■ 95.9720, -14.2832,
7.9176

■ 172.9290,
-15.7410, 8.8323

■ 72.4880, -13.5516,
6.5880

■ 200.8150,
-16.1778, 8.9322

■ 49.4170, -12.5306,
5.7733

■ 229.0000,
-16.7620, 9.6470

■ 28.3740, -13.9884,
6.6880

■ 251.3520,
-13.9775, 3.1993

■ 3.8210, -1.8838,
-2.4740

■ 254.6580, -1.3104,
0.2999

■ 0.0000, 0.0000,
0.0000

■ 120.8580,
-14.7200, 8.0175

■ 120.8580,
-14.7200, 8.0175

■ 117.6150,
-19.5302, 10.8616

■ 124.1010, -9.9098,
5.1734

■ 114.9590,
-24.6298, 13.1910

■ 126.7570, -4.8102,
2.8441

■ 111.7160,
-29.4400, 16.0351

■ 130.0000, 0.0000,
0.0000

■ 108.4730,
-34.2502, 18.8792

■ 133.2430, 4.8102,
-2.8441

■ 105.8170,
-39.3498, 21.2085

■ 135.8990, 9.9098,
-5.1734

■ 102.5740,
-44.1600, 24.0526

■ 139.1420, 14.7200,
-8.0175

■ 99.3310, -48.9702,
26.8967

■ 142.3850, 19.5302,
-10.8616

■ 145.0410, 24.6298,

-13.1910

■ 148.2840, 29.4400,
-16.0351

Harmonies

Analogous

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



122.4510, -14.0263, 18.8985



120.8580, -14.7200, 8.0175



119.3940, -11.0402, -5.6075

Triad

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



120.8580, -14.7200, 8.0175



115.5920, 12.0331, -32.9682



124.4890, 5.1819, 17.9881

Complementary

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



120.8580, -14.7200, 8.0175



100.1420, 14.7200, -8.0175

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.



124.0080, 11.3351, 4.3780



120.8580, -14.7200, 8.0175



117.9610, 15.7952, -26.2758

Square

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



120.8580, -14.7200, 8.0175



115.3660, 4.7496, -30.1390



121.3480, 15.6044, -11.7062



124.4700, -2.6967, 25.0208

Rectangle

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



120.8580, -14.7200, 8.0175



117.7780, -6.7926, -14.7143



121.3480, 15.6044, -11.7062



124.6240, 7.0874, 13.4848

Sweetspot

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



120.8580, -14.7200, 8.0175



164.5290, -5.6838, 3.0441



103.5730, -2.2545, 23.1765



81.8000, -3.3524, 1.9294



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



120.8580, -14.7200, 8.0175



154.1160, -22.7352, 12.1763



122.2650, -15.4136, -2.8634



62.0280, -2.4788, 1.7294



97.5590, -48.0966, 26.6968



0.0000, 0.0000, 0.0000

Inverse Universe

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



100.1420, 14.7200, -8.0175



121.8840, 22.7352, -12.1763



98.7350, 15.4136, 2.8634



58.9720, 2.4788, -1.7294



29.8540, 48.3860, -26.1820



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 120.8580, -14.7200, 8.0175 looks on a white background.

Color Contrast Check

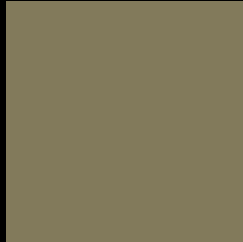
Large Text (above 18pt) WCAG AA ✓ Pass

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 120.8580, -14.7200, 8.0175 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 120.8580, -14.7200, 8.0175

Background



This preview shows how black text looks on a background with the YUV color 120.8580, -14.7200, 8.0175.



This preview shows how white text looks on a background with the YUV color 120.8580, -14.7200, 8.0175.

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

120.8580, -14.7200, 8.0175

Protanopia

121.1570, -14.8674, 8.6323

Deuteranopia

122.2230, -14.8999, 19.0984



Tritanopia

123.1090, 1.4253, 9.5514

Trichromacy



Original Color

120.8580, -14.7200, 8.0175

Protanomaly

121.1570, -14.8674, 8.6323

Deuteranomaly

121.9020, -14.7417, 14.9949

Tritanomaly

122.5020, -4.6845, 9.2067

Monochromacy



Original Color

120.8580, -14.7200, 8.0175

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

120.6430, -5.2470, 2.9441

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.8580, -14.7200, 8.0175 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(130, 122, 91)` looks like.

```
.text, #text, p{  
    color:rgb(130, 122, 91)  
}
```

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(130, 122, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 122, 91) }
```

Border

The CSS property to change the border of an element to YUV 120.8580, -14.7200, 8.0175 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(130, 122, 91) }
```


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

```
.border{ border-color:rgb(130, 122, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 122, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 122, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 122, 91);  
box-shadow:4px 4px 4px 4px rgb(130, 122,  
91) }
```

Background

The CSS property to change the background color of an element to YUV 120.8580, -14.7200, 8.0175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 122, 91) }
```

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

```
.background{ background-color: rgb(130,  
122, 91) }
```

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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