

Converting Colors

YUV(127.8020, -2.8604,
30.8686)

Have a look what the booklet for
YUV(127.8020, -2.8604, 30.8686)
contains.

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Color

**YUV(127.8020, -2.8604,
30.8686)**

Conversions

Conversions Part 1

Format	Color
Hex	A36F7A
RGB	163, 111, 122
RGB Percent	64%, 44%, 48%
CMY	0.3608, 0.5647, 0.5216
CMYK	0.00, 0.32, 0.25, 0.36
HSL	347°, 22%, 54%
HSV	347°, 32%, 64%
XYZ	24.3015, 20.5605, 21.1001
YIQ	127.8020, 27.4610, 14.4450

Conversions

Conversions Part 2

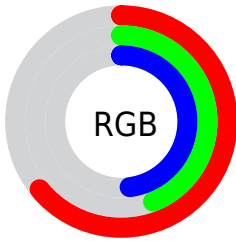
Format	Color
R_{YB}	163, 111, 122
Decimal	10710906
CIE _{Lab}	52.47, 22.24, 2.31
CIE _{LCh}	52, 22.358, 5.921
Yxy	20.5605, 0.3684, 0.3117
Android (android.graphics.Color)	4288900986 (0xFFA36F7A)
YUV	127.8020, -2.8604, 30.8686
Hunter-Lab	45.3437, 16.3138, 4.1508

Details

The YUV color $127.8020, -2.8604, 30.8686$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $146.1980, 2.8604, -30.8686$, and the grayscale version is $128.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $180.9980, -3.4500, 33.3278$, and $77.6060, -2.2708, 28.4095$ is the 20% darker color. If you saturate the color by 10%, you get $116.9280, -3.9085, 40.4051$, and if you desaturate by 10%, it is $138.6760, -1.8123, 21.3321$.

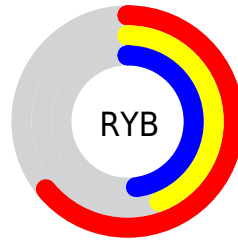
Distribution



Red (64%)

Green (44%)

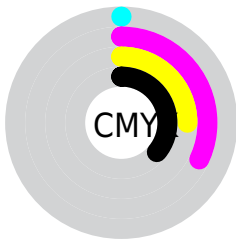
Blue (48%)



Red (64%)

Yellow (44%)

Blue (48%)

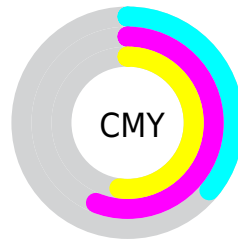


Cyan (0%)

Magenta (32%)

Yellow (25%)

Black (36%)



Cyan (36%)


Magenta (56%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.8020, -2.8604, 30.8686 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 127.8020, -2.8604, 30.8686 by changing the saturation by 10% instead.


 127.8020, -2.8604,
30.8686


 127.8020, -2.8604,
30.8686


255.0000, 0.0000,
0.0000


 102.2040, -2.5656,
29.6391


 180.9980, -3.4500,
33.3278

 77.6060, -2.2708,
28.4095


 208.7100, -3.3080,
34.4573

 54.7090, -1.8285,
26.5652

 230.4310, -0.2125,
21.5470

 31.9260, -0.9495,
24.6209

 250.3040, 2.3151,
4.1184

 12.4160, -4.1491,
24.1912

 0.0000, 0.0000,
0.0000

■ 127.8020, -2.8604,
30.8686

■ 127.8020, -2.8604,
30.8686

■ 116.9280, -3.9085,
40.4051

■ 138.6760, -1.8123,
21.3321

■ 105.4670, -4.6672,
50.4564

■ 150.1370, -1.0535,
11.2809

■ 94.5930, -5.7153,
59.9929

■ 161.0110, -0.0054,
1.7444

■ 83.8330, -6.3267,
69.4295

■ 171.7710, 0.6059,
-7.6922

■ 72.9590, -7.3748,
78.9660

■ 183.2320, 1.3646,
-17.7435

■ 61.4980, -8.1335,
89.0173

■ 194.1060, 2.4127,
-27.2800

■ 52.6130, -9.1762,
96.8094

■ 204.9800, 3.4609,
-36.8165

■ 215.8540, 4.5090,

-46.3530

 225.5540, 6.1359,
-54.8599

Harmonies

Analogous

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



128.1520, 6.3341, 21.7917



127.8020, -2.8604, 30.8686



126.6250, -11.1541, 31.0239

Triad

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



127.8020, -2.8604, 30.8686



121.6990, -13.6556, -6.7520



119.0570, 20.1849, -34.2530

Complementary

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



127.8020, -2.8604, 30.8686



146.1980, 2.8604, -30.8686

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.



115.7370, 15.4127, -43.6193



127.8020, -2.8604, 30.8686



118.5920, -4.7289, -23.3212

Square

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



127.8020, -2.8604, 30.8686



123.6580, -18.0724, 9.9469



116.2510, 5.7923, -37.9311



124.2380, 19.1097, -15.9947

Rectangle

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



127.8020, -2.8604, 30.8686



126.0390, -15.7952, 26.2758



116.2510, 5.7923, -37.9311



117.6820, 18.8908, -39.1861

Sweetspot

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



127.8020, -2.8604, 30.8686



197.1480, -1.0590, 13.0252



129.1870, 16.6698, 20.0070



98.2290, -0.6059, 7.6922



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



127.8020, -2.8604, 30.8686



157.1570, -4.5144, 48.0973



135.3530, -12.0060, 24.2464



75.9190, -0.4531, 5.3330



46.8890, -7.8333, 86.0433



5.8380, -0.9061, 10.6661

Inverse Universe

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



127.8020, -2.8604, 30.8686



157.1570, -4.5144, 48.0973



138.6470, 12.0060, -24.2464



75.9190, -0.4531, 5.3330



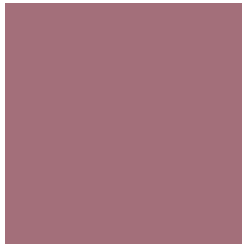
46.8890, -7.8333, 86.0433



5.8380, -0.9061, 10.6661

Previews

White Background



This preview shows how the YUV color 127.8020, -2.8604, 30.8686 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 127.8020, -2.8604, 30.8686 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

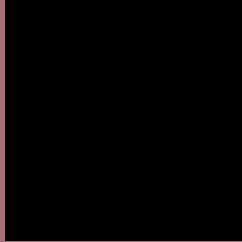
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 127.8020, -2.8604, 30.8686

Background



This preview shows how black text looks on a background with the YUV color 127.8020, -2.8604, 30.8686.



This preview shows how white text looks on a background with the YUV color 127.8020, -2.8604,

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

127.8020, -2.8604, 30.8686

Protanopia

125.8690, 2.0366, 0.1149

Deuteranopia

126.5670, -3.2375, 11.7807



Tritanopia

127.5740, -3.7340, 31.0686

Trichromacy



Original Color

127.8020, -2.8604, 30.8686

Protanomaly

126.4790, 0.2569, 10.9809

Deuteranomaly

126.7250, -2.8224, 18.6582

Tritanomaly

127.6880, -3.2972, 30.9686

Monochromacy



Original Color

127.8020, -2.8604, 30.8686

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

128.1370, -1.0535, 11.2809

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.8020, -2.8604, 30.8686 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(163, 111, 122)` looks like.

```
.text, #text, p{  
    color:rgb(163, 111, 122)  
}
```

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(163, 111, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 111, 122) }
```

Border

The CSS property to change the border of an element to YUV 127.8020, -2.8604, 30.8686 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(163, 111, 122) }
```


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

```
.border{ border-color:rgb(163, 111, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 111, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 111, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 111, 122);  
box-shadow:4px 4px 4px 4px rgb(163, 111,  
122) }
```

Background

The CSS property to change the background color of an element to YUV 127.8020, -2.8604, 30.8686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 111, 122) }
```

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

```
.background{ background-color: rgb(163,  
111, 122) }
```

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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