

Converting Colors

YUV(120.6210, -8.6872,
-13.6996)

Have a look what the booklet for
YUV(120.6210, -8.6872, -13.6996)
contains.

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Color

**YUV(120.6210, -8.6872,
-13.6996)**

Conversions

Conversions Part 1

Format	Color
Hex	698467
RGB	105, 132, 103
RGB Percent	41%, 52%, 40%
CMY	0.5882, 0.4824, 0.5961
CMYK	0.20, 0.00, 0.22, 0.48
HSL	116°, 12%, 46%
HSV	116°, 22%, 52%
XYZ	16.5251, 20.4851, 15.9150
YIQ	120.6210, -6.7830, -14.7430

Conversions

Conversions Part 2

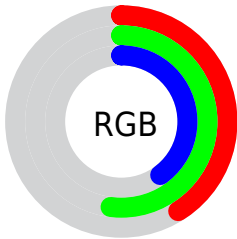
Format	Color
R_{YB}	103, 132, 130
Decimal	6915175
CIE _{Lab}	52.38, -15.68, 12.55
CIE _{LCh}	52, 20.083, 141.339
Yxy	20.4851, 0.3122, 0.3871
Android (android.graphics.Color)	4285105255 (0xFF698467)
YUV	120.6210, -8.6872, -13.6996
Hunter-Lab	45.2604, -14.0332, 10.8340

Details

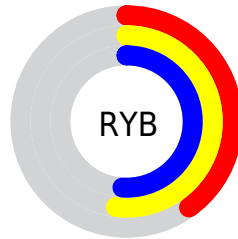
The YUV color $120.6210, -8.6872, -13.6996$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $114.3790, 8.6872, 13.6996$, and the grayscale version is $121.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $173.0940, -9.4133, -14.1144$, and $71.5610, -7.6716, -12.7700$ is the 20% darker color. If you saturate the color by 10%, you get $115.5510, -12.5966, -19.7772$, and if you desaturate by 10%, it is $125.6910, -4.7777, -7.6220$.

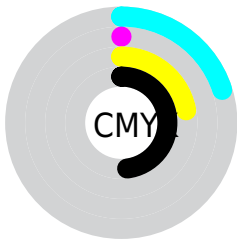
Distribution



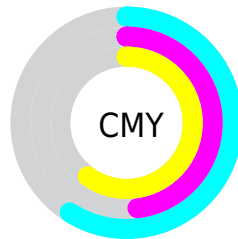
- Red (41%)
- Green (52%)
- Blue (40%)



- Red (40%)
- Yellow (52%)
- Blue (51%)



- Cyan (20%)
- Magenta (0%)
- Yellow (22%)
- Black (48%)



- Cyan (59%)
- Magenta (48%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.6210, -8.6872, -13.6996 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 120.6210, -8.6872, -13.6996 by changing the saturation by 10% instead.

■ 120.6210, -8.6872,
-13.6996

■ 120.6210, -8.6872,
-13.6996

■ 255.0000, 0.0000,
0.0000

■ 96.0340, -8.3978,
-13.1848

■ 173.0940, -9.4133,
-14.1144

■ 71.5610, -7.6716,
-12.7700

■ 200.6810, -9.7027,
-14.6292

■ 48.9740, -7.3822,
-12.2552

■ 228.3820, -9.5553,
-15.2440

■ 27.3870, -7.0928,
-11.7404

■ 248.4630, -5.6513,
-7.4221

■ 8.8050, -4.3409,
-7.7220

■ 0.0000, 0.0000,
0.0000

■ 120.6210, -8.6872,
-13.6996

■ 120.6210, -8.6872,
-13.6996

■ 115.5510,
-12.5966, -19.7772

■ 125.6910, -4.7777,
-7.6220

■ 110.1820,
-16.3587, -26.4696

■ 131.0600, -1.0156,
-0.9296

■ 104.9980,
-20.7050, -32.4472

■ 136.2440, 3.3307,
5.0480

■ 99.9280, -24.6145,
-38.5249

■ 141.3140, 7.2402,
11.1256

■ 94.8580, -28.5240,
-44.6025

■ 146.3840, 11.1497,
17.2032

■ 89.4890, -32.2861,
-51.2949

■ 151.7530, 14.9118,
23.8956

■ 84.4190, -36.1956,
-57.3725


■ 156.8230, 18.8213,
29.9732

■ 80.1750, -39.5263,

■ 162.0070, 23.1675,

-62.4205

35.9509

 167.3760, 26.9296,
42.6432

Harmonies

Analogous

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



123.1130, -14.8457, 1.6549



120.6210, -8.6872, -13.6996



117.9380, 0.5236, -28.0096

Triad

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



120.6210, -8.6872, -13.6996



122.2650, 18.1104, -22.1574



127.0530, -6.9281, 28.8945

Complementary

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



120.6210, -8.6872, -13.6996



114.3790, 8.6872, 13.6996

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.



127.9090, 1.5239, 24.6358



120.6210, -8.6872, -13.6996



125.6910, 15.4353, -4.1140

Square

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



120.6210, -8.6872, -13.6996



118.0200, 16.2591, -35.0975



127.8950, 9.4188, 12.3701



126.3100, -13.4638, 25.1611

Rectangle

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



120.6210, -8.6872, -13.6996



117.2020, 6.8024, -35.2572



127.8950, 9.4188, 12.3701



127.1500, -4.0180, 28.8094

Sweetspot

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



120.6210, -8.6872, -13.6996



166.3430, -3.6201, -5.5628



127.5200, -12.0884, 3.9290



84.1090, -2.0257, -3.6036



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.



120.6210, -8.6872, -13.6996



153.3120, -13.4648, -21.3216



121.3910, -3.1508, -16.1289



63.5220, -1.7363, -3.0888



79.0010, -38.9475, -61.3909



1.7610, -0.8682, -1.5444

Inverse Universe

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



114.3790, 8.6872, 13.6996



143.6880, 13.4648, 21.3216



113.6090, 3.1508, 16.1289



62.4780, 1.7363, 3.0888



50.9990, 38.9475, 61.3909



0.9400, 1.0156, 0.9296

Previews

White Background



This preview shows how the YUV color 120.6210, -8.6872, -13.6996 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 120.6210, -8.6872, -13.6996 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

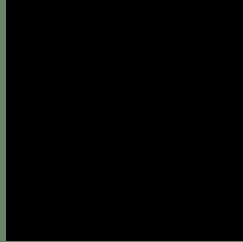
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 120.6210, -8.6872, -13.6996

Background



This preview shows how black text looks on a background with the YUV color 120.6210, -8.6872, -13.6996.



This preview shows how white text looks on a background with the YUV color 120.6210, -8.6872, -13.6996.

-13.6996.

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

120.6210, -8.6872, -13.6996

Protanopia

123.5420, -12.0992, 7.4177

Deuteranopia

125.2810, -9.5055, 15.5396



Tritanopia

123.3560, 6.7265, -10.8362

Trichromacy



Original Color

120.6210, -8.6872, -13.6996

Protanomaly

122.4270, -11.0565, -0.3745

Deuteranomaly

123.3290, -9.0362, 4.9735

Tritanomaly

122.5640, 1.2009, -11.8956

Monochromacy



Original Color

120.6210, -8.6872, -13.6996

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

120.7560, -3.3307, -5.0480

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.6210, -8.6872, -13.6996 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(105, 132, 103)` looks like.

```
.text, #text, p{  
    color:rgb(105, 132, 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(105, 132, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 132, 103) }
```

Border

The CSS property to change the border of an element to YUV 120.6210, -8.6872, -13.6996 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(105, 132, 103) }
```


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

```
.border{ border-color:rgb(105, 132, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 132, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 132, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 132, 103);  
box-shadow:4px 4px 4px 4px rgb(105, 132,  
103) }
```

Background

The CSS property to change the background color of an element to YUV 120.6210, -8.6872, -13.6996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 132, 103) }
```

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

```
.background{ background-color: rgb(105,  
132, 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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