

Converting Colors

YUV(120.8560, -18.1700,
41.3453)

Have a look what the booklet for
YUV(120.8560, -18.1700, 41.3453)
contains.

YUV(120.8560, -18.1700, 41.3453)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(120.8560, -18.1700,
41.3453)**

Conversions

Conversions Part 1

Format	Color
Hex	A86854
RGB	168, 104, 84
RGB Percent	66%, 41%, 33%
CMY	0.3412, 0.5922, 0.6706
CMYK	0.00, 0.38, 0.50, 0.34
HSL	14°, 33%, 49%
HSV	14°, 50%, 66%
XYZ	22.6990, 18.8656, 10.8326
YIQ	120.8560, 44.5640, 7.3480

Conversions

Conversions Part 2

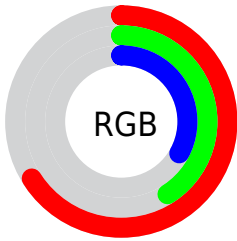
Format	Color
RYB	168, 110, 84
Decimal	11036756
CIELab	50.53, 23.45, 22.03
CIELCh	51, 32.175, 43.219
Yxy	18.8656, 0.4332, 0.3600
Android (android.graphics.Color)	4289226836 (0xFFA86854)
YUV	120.8560, -18.1700, 41.3453
Hunter-Lab	43.4345, 17.2743, 15.6172

Details

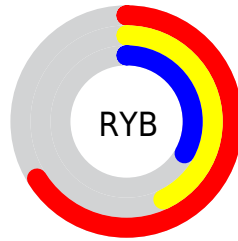
The YUV color **120.8560, -18.1700, 41.3453** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **131.1440, 18.1700, -41.3453**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.4220, -19.9280, 45.2339**, and **71.1050, -15.8278, 36.7419** is the 20% darker color. If you saturate the color by 10%, you get **111.2870, -21.8335, 49.7373**, and if you desaturate by 10%, it is **130.4250, -14.5065, 32.9533**.

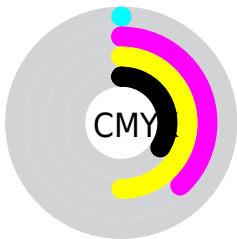
Distribution



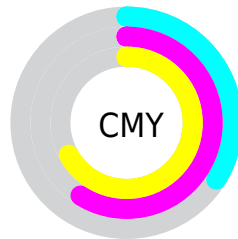
- Red (66%)
- Green (41%)
- Blue (33%)



- Red (66%)
- Yellow (43%)
- Blue (33%)



- Cyan (0%)
- Magenta (38%)
- Yellow (50%)
- Black (34%)





- Cyan (34%)
- Magenta (59%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the YUV color 120.8560, -18.1700, 41.3453 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 120.8560, -18.1700, 41.3453 by changing the saturation by 10% instead.


 120.8560,
-18.1700, 41.3453

 120.8560,
-18.1700, 41.3453


255.0000, 0.0000,
0.0000


 95.1870, -16.8542,
39.3010


 174.4220,
-19.9280, 45.2339


 71.1050, -15.8278,
36.7419


 201.9060,
-20.6597, 46.5634


 47.1370, -14.3645,
34.0829

 221.4200,
-16.9691, 29.4497

 24.1090, -11.8857,
32.3534

 241.0480,
-12.8417, 12.2359

 11.4760, -5.1647,
23.2615

 253.6320, -5.2416,
1.1997

 0.0000, 0.0000,
0.0000

■ 120.8560,
-18.1700, 41.3453

■ 120.8560,
-18.1700, 41.3453

■ 111.2870,
-21.8335, 49.7373

■ 130.4250,
-14.5065, 32.9533

■ 101.7180,
-25.4970, 58.1293

■ 139.9940,
-10.8430, 24.5613

■ 92.8500, -29.0130,
65.9066

■ 148.8620, -7.3270,
16.7840

■ 83.2810, -32.6765,
74.2986

■ 158.4310, -3.6635,
8.3920

■ 73.7120, -36.3400,
82.6906

■ 168.0000, 0.0000,
0.0000

■ 177.5690, 3.6635,
-8.3920

■ 187.1380, 7.3270,
-16.7840

■ 196.0060, 10.8430,

-24.5613

■ 205.5750, 14.5065,
-32.9533

Harmonies

Analogous

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



122.2660, -6.5401, 44.4937



120.8560, -18.1700, 41.3453



119.2320, -25.2574, 27.8605

Triad

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



120.8560, -18.1700, 41.3453



108.1550, -2.0484, -43.1089



119.1760, 26.5352, -17.6944

Complementary

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



120.8560, -18.1700, 41.3453



131.1440, 18.1700, -41.3453

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.



107.9110, 31.5959, -54.2959



120.8560, -18.1700, 41.3453



94.2930, 18.5896, -82.6950

Square

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



120.8560, -18.1700, 41.3453



113.7210, -17.1175, -16.4183



95.9690, 30.0883, -84.1648



123.7840, 17.8545, 13.3444

Rectangle

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



120.8560, -18.1700, 41.3453



118.2150, -26.2350, 14.7204



95.9690, 30.0883, -84.1648



116.3810, 28.8992, -29.2751

Sweetspot

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



120.8560, -18.1700, 41.3453



200.5630, -7.1796, 16.1692



116.4120, 15.5729, 45.2427



98.9150, -4.3951, 9.7215



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



120.8560, -18.1700, 41.3453



145.3660, -28.2814, 64.5770



145.5100, -30.3244, 19.7237



79.5660, -1.7580, 3.8886



64.7970, -31.9449, 72.9690



8.9150, -4.3951, 9.7215

Inverse Universe

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



131.1440, 18.1700, -41.3453



161.6340, 28.2814, -64.5770



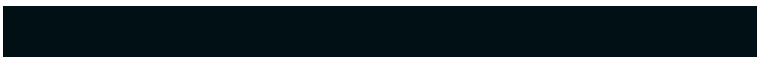
106.4900, 30.3244, -19.7237



80.4340, 1.7580, -3.8886



83.2030, 31.9449, -72.9690



11.6720, 4.1057, -10.2363

Previews

White Background



This preview shows how the YUV color 120.8560, -18.1700, 41.3453 looks on a white background.

Color Contrast Check

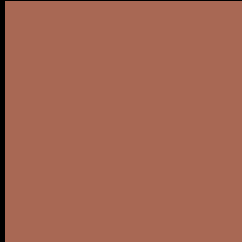
Large Text (above 18pt) WCAG AA ✓ Pass

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 120.8560, -18.1700, 41.3453 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 120.8560, -18.1700, 41.3453

Background



This preview shows how black text looks on a background with the YUV color 120.8560, -18.1700, 41.3453.



This preview shows how white text looks on a background with the YUV color 120.8560, -18.1700,

41.3453.

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

120.8560, -18.1700, 41.3453

Protanopia

119.9720, -14.2832, 7.9176

Deuteranopia

119.9090, -18.6891, 21.1278



Tritanopia

122.4290, -7.1135, 41.7198

Trichromacy



Original Color

120.8560, -18.1700, 41.3453

Protanomaly

120.2940, -15.9209, 19.9132

Deuteranomaly

120.3660, -18.4214, 28.6200

Tritanomaly

121.6910, -11.1867, 41.4900

Monochromacy



Original Color

120.8560, -18.1700, 41.3453

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

121.0790, -6.4479, 14.8397

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.8560, -18.1700, 41.3453 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(168, 104, 84)` looks like.

```
.text, #text, p{  
    color:rgb(168, 104, 84)  
}
```

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(168, 104, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 104, 84) }
```

Border

The CSS property to change the border of an element to YUV 120.8560, -18.1700, 41.3453 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(168, 104, 84) }
```


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

```
.border{ border-color:rgb(168, 104, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 104, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 104, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 104, 84);  
box-shadow:4px 4px 4px 4px rgb(168, 104,  
84) }
```

Background

The CSS property to change the background color of an element to YUV 120.8560, -18.1700, 41.3453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 104, 84) }
```

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

```
.background{ background-color: rgb(168,  
104, 84) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor