

Converting Colors

YUV(120.1620, -16.3489,
-76.4411)

Have a look what the booklet for
YUV(120.1620, -16.3489, -76.4411)
contains.

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Color

**YUV(120.1620, -16.3489,
-76.4411)**

Conversions

Conversions Part 1

Format	Color
Hex	21AB57
RGB	33, 171, 87
RGB Percent	13%, 67%, 34%
CMY	0.8706, 0.3294, 0.6588
CMYK	0.81, 0.00, 0.49, 0.33
HSL	143°, 68%, 40%
HSV	143°, 81%, 67%
XYZ	16.9104, 30.1373, 13.9426
YIQ	120.1620, -55.2840, -55.3800

Conversions

Conversions Part 2

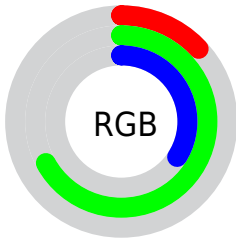
Format	Color
RYB	33, 132, 171
Decimal	2206551
CIELab	61.77, -54.01, 33.28
CIElCh	62, 63.441, 148.356
Yxy	30.1373, 0.2773, 0.4941
Android (android.graphics.Color)	4280396631 (0xFF21AB57)
YUV	120.1620, -16.3489, -76.4411
Hunter-Lab	54.8974, -41.0860, 23.3700

Details

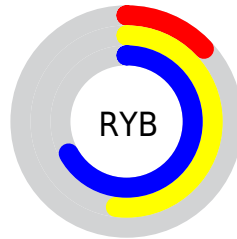
The YUV color **120.1620, -16.3489, -76.4411** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **83.8380, 16.3489, 76.4411**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.4790, -20.4491, -67.9491**, and **73.1250, -16.8236, -64.1306** is the 20% darker color. If you saturate the color by 10%, you get **113.9390, -18.2109, -85.8925**, and if you desaturate by 10%, it is **126.3850, -14.4868, -66.9896**.

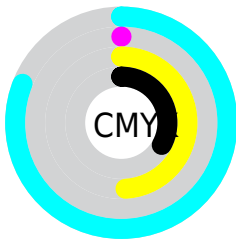
Distribution



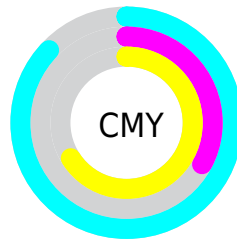
- Red (13%)
- Green (67%)
- Blue (34%)



- Red (13%)
- Yellow (52%)
- Blue (67%)



- Cyan (81%)
- Magenta (0%)
- Yellow (49%)
- Black (33%)



- Cyan (87%)
- Magenta (33%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.1620, -16.3489, -76.4411 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 120.1620, -16.3489, -76.4411 by changing the saturation by 10% instead.

■ 120.1620,
-16.3489, -76.4411

■ 120.1620,
-16.3489, -76.4411

■ 255.0000, 0.0000,
0.0000

■ 91.7100, -14.1540,
-80.4297

■ 179.4790,
-20.4491, -67.9491

■ 73.1250, -16.8236,
-64.1306

■ 207.9630,
-21.1808, -66.6196

■ 55.6000, -20.5088,
-48.7612

■ 220.0110,
-13.8094, -50.8756

■ 39.3290, -19.3892,
-34.4915

■ 231.9880, -5.4171,
-35.9465

■ 26.4150, -13.0226,
-23.1660

■ 244.1500, 2.3910,
-20.3026

■ 7.0440, -3.4727,
-6.1776

■ 253.8040, 0.5896,

■ 0.0000, 0.0000,

-2.4591

0.0000

■ 120.1620,
-16.3489, -76.4411

■ 120.1620,
-16.3489, -76.4411

■ 113.9390,
-18.2109, -85.8925

■ 126.3850,
-14.4868, -66.9896

■ 108.0150,
-20.2204, -94.7292

■ 132.7220,
-12.1879, -57.6382

■ 138.9450,
-10.3259, -48.1868

■ 145.2820, -8.0270,
-38.8353

■ 151.8040, -6.3124,
-28.7691

■ 158.0270, -4.4503,
-19.3177

■ 164.3640, -2.1515,
-9.9662

■ 170.5870, -0.2894,
-0.5148

■ 176.9240, 2.0095,
8.8367

Harmonies

Analogous

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



136.2140, -48.4195, -9.8347



120.1620, -16.3489, -76.4411



119.1410, 12.2555, -104.4867

Triad

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



120.1620, -16.3489, -76.4411



121.2290, 65.9491, -106.3178



144.4260, -22.3950, 89.9574

Complementary

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



120.1620, -16.3489, -76.4411



83.8380, 16.3489, 76.4411

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.



146.7010, 4.0914, 87.9622



120.1620, -16.3489, -76.4411



150.9750, 48.3263, -6.9941

Square

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



120.1620, -16.3489, -76.4411



127.6060, 57.3822, -111.9105



152.3820, 27.9127, 54.0390



144.6920, -46.1902, 68.6761

Rectangle

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



120.1620, -16.3489, -76.4411



124.1740, 29.0012, -108.9006



152.3820, 27.9127, 54.0390



144.4400, -13.5279, 92.5761

Sweetspot

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



120.1620, -16.3489, -76.4411



202.3910, -6.6018, -29.2839



139.4210, -52.4656, -18.7862



100.1520, -4.0189, -17.6733



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



120.1620, -16.3489, -76.4411



142.7810, -25.5280, -119.0799



127.9140, 13.3534, -83.2396



83.6250, -1.2941, -4.9331



94.7760, -17.6376, -83.1186



14.5270, -2.7248, -12.7402

Inverse Universe

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



83.8380, 16.3489, 76.4411



86.2190, 25.5280, 119.0799



76.0860, -13.3534, 83.2396



81.2610, 0.8573, 5.0331



55.3380, 18.0744, 83.0186



8.4730, 2.7248, 12.7402

Previews

White Background



This preview shows how the YUV color 120.1620, -16.3489, -76.4411 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 120.1620, -16.3489, -76.4411 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 ✓ Pass

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

YUV 120.1620, -16.3489, -76.4411 Background



This preview shows how black text looks on a background with the YUV color 120.1620, -16.3489, -76.4411.



This preview shows how white text looks on a background with the YUV color 120.1620, -16.3489, -76.4411.

-76.4411.

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

120.1620, -16.3489, -76.4411

Protanopia

144.6190, -32.3502, 16.1201

Deuteranopia

146.7050, -25.9836, 27.4457



Tritanopia

135.5720, 18.9450, -56.6296

Trichromacy



Original Color

120.1620, -16.3489, -76.4411



Protanomaly

135.6040, -26.4268, -17.1927



Deuteranomaly

136.9730, -22.6647, -10.5003



Tritanomaly

130.0860, 5.8736, -64.0964

Monochromacy



Original Color

120.1620, -16.3489, -76.4411



Achromatopsia

120.0000, 0.0000, 0.0000



Achromatomaly

120.2170, -6.0230, -28.2543

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.1620, -16.3489, -76.4411 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(33, 171, 87)` looks like.

```
.text, #text, p{  
    color:rgb(33, 171, 87)  
}
```

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(33, 171, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 171, 87) }
```

Border

The CSS property to change the border of an element to YUV 120.1620, -16.3489, -76.4411 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(33, 171, 87) }
```


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

```
.border{ border-color:rgb(33, 171, 87) }
```

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

Here you see how a box with a 4 pixel rgb(33, 171, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 171, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 171, 87);  
box-shadow:4px 4px 4px 4px rgb(33, 171,  
87) }
```

Background

The CSS property to change the background color of an element to YUV 120.1620, -16.3489, -76.4411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 171, 87) }
```

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

```
.background{ background-color: rgb(33, 171,  
87) }
```

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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