

Converting Colors

YUV(120.0190, 20.6966,
-105.2567)

Have a look what the booklet for
YUV(120.0190, 20.6966, -105.2567)
contains.

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Color

**YUV(120.0190, 20.6966,
-105.2567)**

Conversions

Conversions Part 1

Format	Color
Hex	00ADA2
RGB	0, 173, 162
RGB Percent	0%, 68%, 64%
CMY	1.0000, 0.3216, 0.3647
CMYK	1.00, 0.00, 0.06, 0.32
HSL	176°, 100%, 34%
HSV	176°, 100%, 68%
XYZ	21.4652, 32.4958, 39.3234
YIQ	120.0190, -99.5770, -40.0970

Conversions

Conversions Part 2

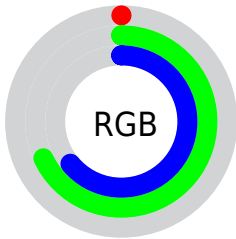
Format	Color
RYB	0, 89, 173
Decimal	44450
CIELab	63.75, -39.27, -4.93
CIELCh	64, 39.573, 187.151
Yxy	32.4958, 0.2301, 0.3484
Android (android.graphics.Color)	4278234530 (0xFF00ADA2)
YUV	120.0190, 20.6966, -105.2567
Hunter-Lab	57.0051, -32.5450, -0.9961

Details

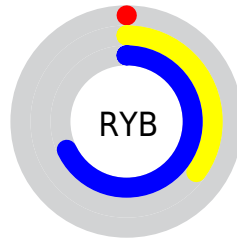
The YUV color **120.0190, 20.6966, -105.2567** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **52.9810, -20.6966, 105.2567**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.8650, 14.3636, -80.5656**, and **83.0940, 13.7577, -72.8734** is the 20% darker color. If you saturate the color by 10%, you get **120.0190, 20.6966, -105.2567**, and if you desaturate by 10%, it is **125.2160, 18.6275, -94.9054**.

Distribution



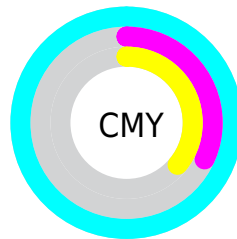
- Red (0%)
- Green (68%)
- Blue (64%)



- Red (0%)
- Yellow (35%)
- Blue (68%)



- Cyan (100%)
- Magenta (0%)
- Yellow (6%)
- Black (32%)



- Cyan (100%)
- Magenta (32%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.0190, 20.6966, -105.2567 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 120.0190, 20.6966, -105.2567 by changing the saturation by 10% instead.

■ 120.0190, 20.6966,
-105.2567

■ 120.0190, 20.6966,
-105.2567

■ 255.0000, 0.0000,
0.0000

■ 101.2060, 17.1534,
-88.7577

■ 187.8650, 14.3636,
-80.5656

■ 83.0940, 13.7577,
-72.8734

■ 215.5880, 14.5001,
-77.6917

■ 64.9820, 10.3619,
-56.9892

■ 225.9970, 14.2985,
-59.6334

■ 48.2720, 7.2609,
-42.3345

■ 234.9670, 9.8763,
-41.1901

■ 32.2630, 4.3073,
-28.2947

■ 243.9370, 5.4541,
-22.7467

■ 15.3080, 2.8062,
-13.4251

■ 253.2060, 0.8844,

■ 0.0000, 0.0000,

-3.6887

0.0000

■ 120.0190, 20.6966,
-105.2567

■ 125.2160, 18.6275,
-94.9054

■ 130.7120, 16.4110,
-83.9394

■ 135.9090, 14.3419,
-73.5882

■ 141.1060, 12.2727,
-63.2370

■ 146.6020, 10.0562,
-52.2710

■ 151.9130, 8.4239,
-42.0197

■ 157.1100, 6.3548,
-31.6685

■ 162.3070, 4.2856,
-21.3172

■ 167.8030, 2.0691,
-10.3512

Harmonies

Analogous

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



140.1560, -6.9789, -48.3718



120.0190, 20.6966, -105.2567



122.7210, 36.1265, -107.6263

Triad

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



120.0190, 20.6966, -105.2567



157.9390, 26.1591, 9.7005



153.7020, -31.4051, 39.7263

Complementary

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



120.0190, 20.6966, -105.2567



52.9810, -20.6966, 105.2567

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.



155.0750, -20.2500, 55.1852



120.0190, 20.6966, -105.2567



158.4670, 12.0948, 40.8094

Square

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



120.0190, 20.6966, -105.2567



150.9060, 36.0353, -31.4896



157.0980, -4.9783, 56.9191



150.9780, -33.5132, 15.8053

Rectangle

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



120.0190, 20.6966, -105.2567



122.8980, 44.4203, -107.7815



157.0980, -4.9783, 56.9191



154.4300, -28.8060, 46.1039

Sweetspot

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



120.0190, 20.6966, -105.2567



203.5110, 8.1291, -40.7901



105.1390, -51.8335, -81.6829



99.8120, 5.0227, -24.3911



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.



120.0190, 20.6966, -105.2567



155.4280, 26.9040, -136.3104



77.2480, 47.2057, -67.7465



84.1950, 0.8899, -5.4330



104.1240, 18.1799, -91.3167



15.8950, 2.5168, -13.9399

Inverse Universe

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



52.9810, -20.6966, 105.2567



68.5720, -26.9040, 136.3104



95.7520, -47.2057, 67.7465



80.8050, -0.8899, 5.4330



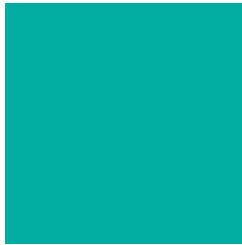
45.9900, -17.7431, 91.2168



6.9910, -2.9536, 14.0399

Previews

White Background



This preview shows how the YUV color 120.0190, 20.6966, -105.2567 looks on a white background.

Color Contrast Check

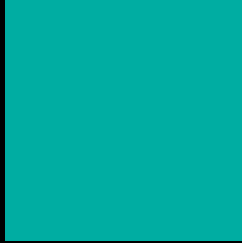
Large Text (above 18pt) WCAG AA × Fail

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 120.0190, 20.6966, -105.2567 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

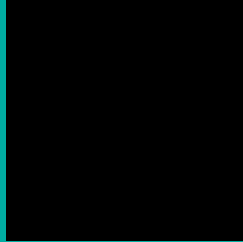
Any Text WCAG AA ✓ Pass

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 120.0190, 20.6966, -105.2567 Background



This preview shows how black text looks on a background with the YUV color 120.0190, 20.6966, -105.2567.



This preview shows how white text looks on a background with the YUV color 120.0190, 20.6966, -105.2567.

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



Protanopia

153.8540, -1.9000, 2.7590

Deuteranopia

154.9390, 5.9461, 6.1925

Tritanopia

132.7260, 25.2781, -81.3207

Trichromacy



Protanomaly

141.3760, 6.2236, -36.2868

Deuteranomaly

142.3530, 11.1650, -34.5126

Tritanomaly

127.9160, 23.7054, -90.2573

Monochromacy



Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

119.7070, 7.5394, -38.3310

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.0190, 20.6966, -105.2567 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(0, 173, 162)` looks like.

```
.text, #text, p{  
    color:rgb(0, 173, 162)  
}
```

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(0, 173, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 173, 162) }
```

Border

The CSS property to change the border of an element to YUV 120.0190, 20.6966, -105.2567 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(0, 173, 162) }
```

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

```
.border{ border-color:rgb(0, 173, 162) }
```

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

Here you see how a box with a 4 pixel rgb(0, 173, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 173, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 173, 162);  
box-shadow:4px 4px 4px 4px rgb(0, 173,  
162) }
```


Background

The CSS property to change the background color of an element to YUV 120.0190, 20.6966, -105.2567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 173, 162) }
```

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

```
.background{ background-color: rgb(0, 173,  
162) }
```

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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