

Converting Colors

YUV(127.3320, -7.5587,
-95.8842)

Have a look what the booklet for
YUV(127.3320, -7.5587, -95.8842)
contains.

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Color

**YUV(127.3320, -7.5587,
-95.8842)**

Conversions

Conversions Part 1

Format	Color
Hex	12BA70
RGB	18, 186, 112
RGB Percent	7%, 73%, 44%
CMY	0.9294, 0.2706, 0.5608
CMYK	0.90, 0.00, 0.40, 0.27
HSL	154°, 82%, 40%
HSV	154°, 90%, 73%
XYZ	20.7330, 36.4163, 21.2655
YIQ	127.3320, -76.3740, -58.6300

Conversions

Conversions Part 2

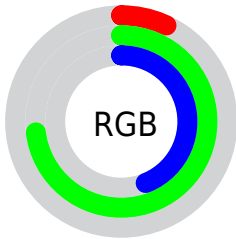
Format	Color
RYB	18, 126, 186
Decimal	1227376
CIELab	66.84, -56.07, 26.78
CIELCh	67, 62.139, 154.467
Yxy	36.4163, 0.2644, 0.4644
Android (android.graphics.Color)	4279417456 (0xFF12BA70)
YUV	127.3320, -7.5587, -95.8842
Hunter-Lab	60.3459, -44.2782, 21.3487

Details

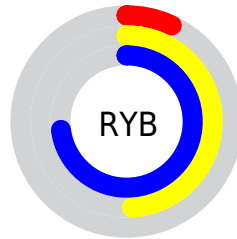
The YUV color **127.3320, -7.5587, -95.8842** is a dark color, and the websafe version is hex **00CC99**. A complement of this color would be **76.6680, 7.5587, 95.8842**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.2370, -13.4278, -80.0148**, and **84.0790, -10.3919, -73.7373** is the 20% darker color. If you saturate the color by 10%, you get **121.0380, -8.3997, -106.1503**, and if you desaturate by 10%, it is **133.9250, -6.8650, -85.0032**.

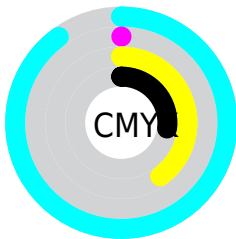
Distribution



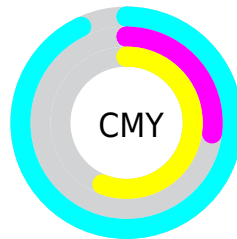
- Red (7%)
- Green (73%)
- Blue (44%)



- Red (7%)
- Yellow (49%)
- Blue (73%)



- Cyan (90%)
- Magenta (0%)
- Yellow (40%)
- Black (27%)




- Cyan (93%)
- Magenta (27%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.3320, -7.5587, -95.8842 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 127.3320, -7.5587, -95.8842 by changing the saturation by 10% instead.


 127.3320, -7.5587,
-95.8842

 127.3320, -7.5587,
-95.8842


255.0000, 0.0000,
0.0000


 102.6640, -7.7224,
-90.0363


 191.2370,
-13.4278, -80.0148


 84.0790, -10.3919,
-73.7373


 210.7420, -9.2398,
-69.9337


 66.1950, -12.9141,
-58.0530


 223.2030, -1.5791,
-53.6750

 48.8980, -15.7257,
-42.8835

 235.3650, 6.2291,
-38.0311

 32.2850, -15.9165,
-28.3139

 245.1330, 4.8644,
-20.2876

 18.7840, -9.2605,
-16.4736

254.4020, 0.2948,

 0.0000, 0.0000,

-1.2296

0.0000

■ 127.3320, -7.5587,
-95.8842

■ 127.3320, -7.5587,
-95.8842

■ 121.0380, -8.3997,
-106.1503

■ 133.9250, -6.8650,
-85.0032

■ 140.2190, -6.0240,
-74.7371

■ 146.9260, -4.8935,
-63.9561

■ 153.2200, -4.0525,
-53.6899

■ 159.8130, -3.3588,
-42.8090

■ 166.4060, -2.6652,
-31.9281

■ 172.7000, -1.8241,
-21.6619

■ 179.4070, -0.6937,
-10.8809

■ 185.7010, 0.1474,
-0.6148

Harmonies

Analogous

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



148.7550, -42.2772, -19.9561



127.3320, -7.5587, -95.8842



130.9100, 19.2714, -114.8081

Triad

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



127.3320, -7.5587, -95.8842



139.6680, 56.8587, -83.9008



158.3130, -27.7623, 84.7945

Complementary

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



127.3320, -7.5587, -95.8842



76.6680, 7.5587, 95.8842

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.



158.5990, -1.2813, 84.5437



127.3320, -7.5587, -95.8842



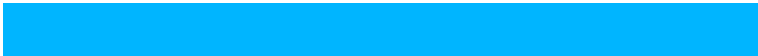
165.9230, 43.9150, 7.9605

Square

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



127.3320, -7.5587, -95.8842



135.3170, 59.0037, -118.6730



166.0580, 22.6494, 62.2161



158.8500, -49.2260, 62.3986

Rectangle

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



127.3320, -7.5587, -95.8842



134.5410, 35.7223, -117.9925



166.0580, 22.6494, 62.2161



157.4300, -18.4530, 85.5689

Sweetspot

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



127.3320, -7.5587, -95.8842



219.2590, -3.0857, -37.0611



139.3400, -59.8206, -39.7632



108.4010, -1.6767, -22.2767



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



127.3320, -7.5587, -95.8842



157.5580, -10.6281, -138.1784



131.0720, 27.0795, -99.1641



88.8530, -0.4205, -5.1331



101.4900, -7.1436, -89.0067



18.2600, -1.1142, -16.0140

Inverse Universe

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



76.6680, 7.5587, 95.8842



84.5560, 11.0649, 138.0784



72.9280, -27.0795, 99.1641



86.1470, 0.4205, 5.1331



54.5100, 7.1436, 89.0067



9.7400, 1.1142, 16.0140

Previews

White Background



This preview shows how the YUV color 127.3320, -7.5587, -95.8842 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 127.3320, -7.5587, -95.8842 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

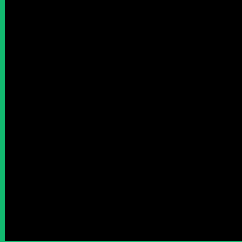
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 127.3320, -7.5587, -95.8842

Background



This preview shows how black text looks on a background with the YUV color 127.3320, -7.5587, -95.8842.



This preview shows how white text looks on a background with the YUV color 127.3320, -7.5587, -95.8842.

-95.8842.

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

127.3320, -7.5587, -95.8842

Protanopia

158.7590, -27.9822, 15.1204

Deuteranopia

161.6600, -21.0314, 25.7312



Tritanopia

146.3040, 22.0351, -67.7956

Trichromacy



Original Color

127.3320, -7.5587, -95.8842



Protanomaly

147.4550, -20.4373, -24.9550



Deuteranomaly

148.9380, -16.2384, -18.3626



Tritanomaly

139.0780, 11.3005, -78.1214

Monochromacy



Original Color

127.3320, -7.5587, -95.8842



Achromatopsia

127.0000, 0.0000, 0.0000



Achromatomaly

126.7970, -2.3649, -34.9020

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.3320, -7.5587, -95.8842 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(18, 186, 112)` looks like.

```
.text, #text, p{  
    color:rgb(18, 186, 112)  
}
```

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(18, 186, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 186, 112) }
```

Border

The CSS property to change the border of an element to YUV 127.3320, -7.5587, -95.8842 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(18, 186, 112) }
```


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

```
.border{ border-color:rgb(18, 186, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 186, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(18, 186, 112); -webkit-box-shadow:4px 4px 4px 4px rgb(18, 186, 112); box-shadow:4px 4px 4px 4px rgb(18, 186, 112) }
```

Background

The CSS property to change the background color of an element to YUV 127.3320, -7.5587, -95.8842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 186, 112) }
```

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

```
.background{ background-color: rgb(18, 186,  
112) }
```

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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