

Converting Colors

YUV(107.6790, -0.3347,
-79.5255)

Have a look what the booklet for
YUV(107.6790, -0.3347, -79.5255)
contains.

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Color

**YUV(107.6790, -0.3347,
-79.5255)**

Conversions

Conversions Part 1

Format	Color
Hex	119A6B
RGB	17, 154, 107
RGB Percent	7%, 60%, 42%
CMY	0.9333, 0.3961, 0.5804
CMYK	0.89, 0.00, 0.31, 0.40
HSL	159°, 80%, 34%
HSV	159°, 89%, 60%
XYZ	14.4406, 24.2919, 17.8376
YIQ	107.6790, -66.5650, -43.6610

Conversions

Conversions Part 2

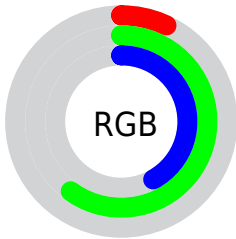
Format	Color
R _Y B	17, 100, 154
Decimal	1153643
CIE Lab	56.38, -45.18, 15.36
CIE LCh	56, 47.717, 161.227
Yxy	24.2919, 0.2553, 0.4294
Android (android.graphics.Color)	4279343723 (0xFF119A6B)
YUV	107.6790, -0.3347, -79.5255
Hunter-Lab	49.2868, -33.9530, 13.0429

Details

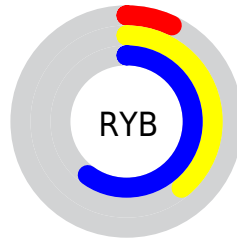
The YUV color **107.6790, -0.3347, -79.5255** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **63.3210, 0.3347, 79.5255**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.0180, -4.4459, -67.5448**, and **66.6000, -3.7468, -58.4082** is the 20% darker color. If you saturate the color by 10%, you get **102.6240, -0.3076, -88.2472**, and if you desaturate by 10%, it is **112.7340, -0.3619, -70.8037**.

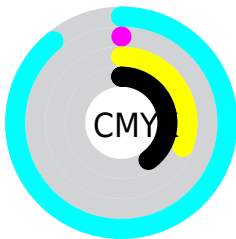
Distribution



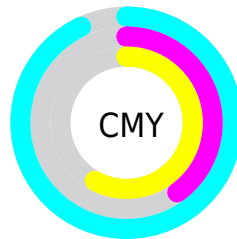
- Red (7%)
- Green (60%)
- Blue (42%)



- Red (7%)
- Yellow (39%)
- Blue (60%)



- Cyan (89%)
- Magenta (0%)
- Yellow (31%)
- Black (40%)



- Cyan (93%)
- Magenta (40%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.6790, -0.3347, -79.5255 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 107.6790, -0.3347, -79.5255 by changing the saturation by 10% instead.

■ 107.6790, -0.3347,
-79.5255

■ 107.6790, -0.3347,
-79.5255

■ 255.0000, 0.0000,
0.0000

■ 84.0110, -0.4984,
-73.6776

■ 168.0180, -4.4459,
-67.5448

■ 66.6000, -3.7468,
-58.4082

■ 197.0890, -5.4669,
-66.7301

■ 49.4170, -6.1216,
-43.3387

■ 218.8170, -2.8678,
-60.3525

■ 33.0490, -7.9122,
-28.9840

■ 230.7940, 5.5246,
-45.4233

■ 17.6100, -8.6817,
-15.4440

■ 241.2460, 6.7807,
-28.2797

■ 0.0000, 0.0000,
0.0000

■ 249.9170, 2.5059,

-10.4512

■ 107.6790, -0.3347,
-79.5255

■ 107.6790, -0.3347,
-79.5255

■ 102.6240, -0.3076,
-88.2472

■ 112.7340, -0.3619,
-70.8037

■ 101.9120, -0.4496,
-89.3768

■ 118.2020, -0.0996,
-61.5672

■ 123.2570, -0.1267,
-52.8454

■ 128.6110, -0.3012,
-43.5088

■ 133.6660, -0.3283,
-34.7871

■ 138.8350, 0.0813,
-26.1653

■ 144.1890, -0.0932,
-16.8288

■ 149.2440, -0.1203,
-8.1070

■ 154.7120, 0.1420,
1.1296

Harmonies

Analogous

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



124.1580, -26.6999, -22.9406



107.6790, -0.3347, -79.5255



108.6720, 20.3747, -95.3053

Triad

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



107.6790, -0.3347, -79.5255



130.0070, 42.8875, -35.9631



134.0390, -25.6552, 62.2328

Complementary

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



107.6790, -0.3347, -79.5255



63.3210, 0.3347, 79.5255

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.



135.2950, -7.0474, 67.2703



107.6790, -0.3347, -79.5255



139.0800, 29.0476, 16.5928

Square

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



107.6790, -0.3347, -79.5255



110.5710, 50.4975, -96.9708



138.2450, 12.2042, 52.4051



132.8780, -38.3939, 41.3260

Rectangle

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



107.6790, -0.3347, -79.5255



111.1630, 32.4576, -97.4900



138.2450, 12.2042, 52.4051



134.2550, -19.8457, 65.5514

Sweetspot

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



107.6790, -0.3347, -79.5255



182.8020, 0.0976, -31.3984



111.7710, -46.7221, -41.0182



90.8790, 0.0597, -19.1879



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



107.6790, -0.3347, -79.5255



133.0350, -0.5103, -116.6717



100.7100, 26.2720, -73.4137



74.2660, -0.1311, -4.6183



92.6680, -0.3293, -81.2698



8.5430, -0.2677, -7.4922

Inverse Universe

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



63.3210, 0.3347, 79.5255



67.9650, 0.5103, 116.6717



70.2900, -26.2720, 73.4137



71.6200, -0.3057, 4.7183



47.3320, 0.3293, 81.2698



4.3430, -0.1691, 7.5922

Previews

White Background



This preview shows how the YUV color 107.6790, -0.3347, -79.5255 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 107.6790, -0.3347, -79.5255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

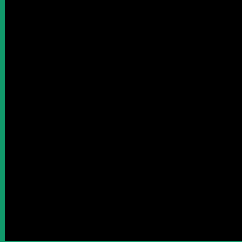
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 107.6790, -0.3347, -79.5255

Background



This preview shows how black text looks on a background with the YUV color 107.6790, -0.3347, -79.5255.



This preview shows how white text looks on a background with the YUV color 107.6790, -0.3347,

-79.5255.

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

107.6790, -0.3347, -79.5255

Protanopia

132.8860, -17.1988, 9.7470

Deuteranopia

134.9500, -10.8213, 17.5839



Tritanopia

120.5610, 18.9504, -58.3740

Trichromacy



Original Color

107.6790, -0.3347, -79.5255



Protanomaly

123.5830, -11.1334, -22.4363



Deuteranomaly

125.0550, -6.9291, -17.5882



Tritanomaly

116.2690, 11.6994, -66.0109

Monochromacy



Original Color

107.6790, -0.3347, -79.5255



Achromatopsia

108.0000, 0.0000, 0.0000



Achromatomaly

108.1120, -0.0552, -29.0392

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.6790, -0.3347, -79.5255 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(17, 154, 107)` looks like.

```
.text, #text, p{  
    color:rgb(17, 154, 107)  
}
```

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(17, 154, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 154, 107) }
```

Border

The CSS property to change the border of an element to YUV 107.6790, -0.3347, -79.5255 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(17, 154, 107) }
```


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

```
.border{ border-color:rgb(17, 154, 107) }
```

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

Here you see how a box with a 4 pixel rgb(17, 154, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 154, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 154, 107);  
box-shadow:4px 4px 4px 4px rgb(17, 154,  
107) }
```

Background

The CSS property to change the background color of an element to YUV 107.6790, -0.3347, -79.5255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 154, 107) }
```

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

```
.background{ background-color: rgb(17, 154,  
107) }
```

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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