

Converting Colors

YUV(127.7590, 8.4998,
-66.4406)

Have a look what the booklet for
YUV(127.7590, 8.4998, -66.4406)
contains.

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Color

**YUV(127.7590, 8.4998,
-66.4406)**

Conversions

Conversions Part 1

Format	Color
Hex	34A391
RGB	52, 163, 145
RGB Percent	20%, 64%, 57%
CMY	0.7961, 0.3608, 0.4314
CMYK	0.68, 0.00, 0.11, 0.36
HSL	170°, 52%, 42%
HSV	170°, 68%, 64%
XYZ	19.6242, 28.9688, 31.3453
YIQ	127.7590, -60.3780, -29.1300

Conversions

Conversions Part 2

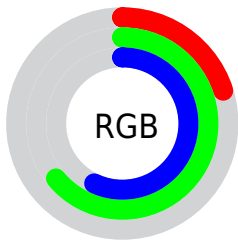
Format	Color
RYB	52, 112, 163
Decimal	3449745
CIELab	60.75, -35.32, 0.28
CIElCh	61, 35.317, 179.553
Yxy	28.9688, 0.2455, 0.3624
Android (android.graphics.Color)	4281639825 (0xFF34A391)
YUV	127.7590, 8.4998, -66.4406
Hunter-Lab	53.8227, -29.1070, 3.1465

Details

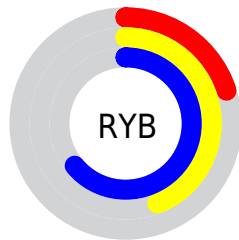
The YUV color **127.7590, 8.4998, -66.4406** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **87.2410, -8.4998, 66.4406**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **185.0260, 6.8892, -63.1668**, and **75.4000, 9.6628, -66.1258** is the 20% darker color. If you saturate the color by 10%, you get **122.6330, 9.5479, -75.9771**, and if you desaturate by 10%, it is **132.8850, 7.4517, -56.9041**.

Distribution



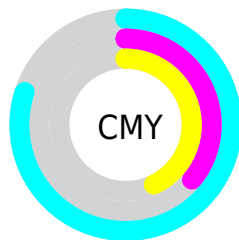
- Red (20%)
- Green (64%)
- Blue (57%)



- Red (20%)
- Yellow (44%)
- Blue (64%)



- Cyan (68%)
- Magenta (0%)
- Yellow (11%)
- Black (36%)



- Cyan (80%)
- Magenta (36%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.7590, 8.4998, -66.4406 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 127.7590, 8.4998, -66.4406 by changing the saturation by 10% instead.

■ 127.7590, 8.4998,
-66.4406

■ 127.7590, 8.4998,
-66.4406

■ 255.0000, 0.0000,
0.0000

■ 93.9960, 12.3270,
-80.6805

■ 185.0260, 6.8892,
-63.1668

■ 75.4000, 9.6628,
-66.1258

■ 213.3250, 6.7418,
-62.5520

■ 57.9890, 6.4144,
-50.8564

■ 229.8840, 12.3822,
-51.6413

■ 41.3930, 3.7503,
-36.3017

■ 238.5550, 8.1074,
-33.8127

■ 26.6720, 0.6547,
-23.3913

■ 247.5250, 3.6852,
-15.3694

■ 3.1630, -0.5734,
-2.7740

■ 0.0000, 0.0000,

0.0000

■ 127.7590, 8.4998,
-66.4406

■ 127.7590, 8.4998,
-66.4406

■ 122.6330, 9.5479,
-75.9771

■ 132.8850, 7.4517,
-56.9041

■ 117.3220, 11.1803,
-86.2284

■ 138.1960, 5.8194,
-46.6529

■ 112.1960, 12.2284,
-95.7649

■ 143.3220, 4.7713,
-37.1164

■ 111.2990, 12.6706,
-97.6092

■ 148.4480, 3.7231,
-27.5799

■ 153.7590, 2.0908,
-17.3286

■ 158.8850, 1.0427,
-7.7921

■ 164.0110, -0.0054,
1.7444

■ 169.0230, -1.4903,
11.3808

■ 174.4480, -2.6859,
21.5321

Harmonies

Analogous

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



136.2180, -10.9535, -33.5172



127.7590, 8.4998, -66.4406



115.1580, 29.9951, -100.9936

Triad

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



127.7590, 8.4998, -66.4406



149.0580, 25.6074, -0.0509



146.7820, -26.0215, 39.6562

Complementary

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



127.7590, 8.4998, -66.4406



87.2410, -8.4998, 66.4406

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.



148.3070, -15.4344, 50.5968



127.7590, 8.4998, -66.4406



150.8570, 13.8745, 29.9434

Square

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



127.7590, 8.4998, -66.4406



141.3630, 32.8520, -37.1524



149.4820, -0.7306, 47.8123



144.6240, -29.8876, 19.6238

Rectangle

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



127.7590, 8.4998, -66.4406



116.2210, 37.8520, -101.0488



149.4820, -0.7306, 47.8123



146.9120, -23.1276, 44.8042

Sweetspot

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



127.7590, 8.4998, -66.4406



198.3450, 3.2809, -25.7356



122.5390, -34.7757, -46.0767



98.7700, 2.0854, -15.5843



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



127.7590, 8.4998, -66.4406



156.7820, 13.4185, -104.1718



108.0920, 27.0696, -49.1927



79.0810, 0.4531, -5.3330



99.0230, 11.3277, -86.8432



12.2760, 1.3429, -10.7661

Inverse Universe

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



87.2410, -8.4998, 66.4406



93.2180, -13.4185, 104.1718



106.9080, -27.0696, 49.1927



75.9190, -0.4531, 5.3330



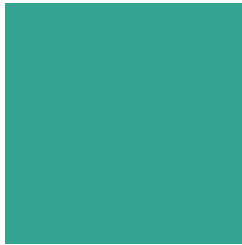
46.0910, -10.8909, 86.7432



5.7240, -1.3429, 10.7661

Previews

White Background



This preview shows how the YUV color 127.7590, 8.4998, -66.4406 looks on a white background.

Color Contrast Check

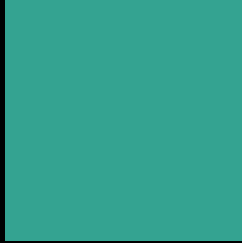
Large Text (above 18pt) WCAG AA ✓ Pass

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 127.7590, 8.4998, -66.4406 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

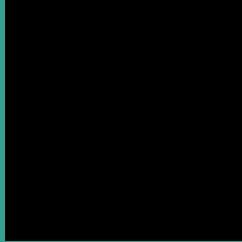
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 127.7590, 8.4998, -66.4406

Background



This preview shows how black text looks on a background with the YUV color 127.7590, 8.4998, -66.4406.

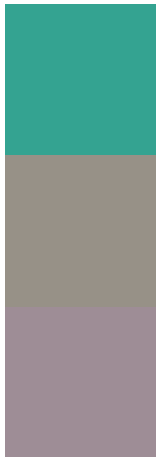


This preview shows how white text looks on a background with the YUV color 127.7590, 8.4998,

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

127.7590, 8.4998, -66.4406

Protanopia

145.6540, -5.2524, 4.6884

Deuteranopia

147.1090, 1.4253, 9.5514



Tritanopia

132.3760, 19.5346, -59.0888

Trichromacy



Original Color

127.7590, 8.4998, -66.4406

Protanomaly

139.4550, -0.2243, -21.4470

Deuteranomaly

139.9160, 3.9854, -18.3433

Tritanomaly

130.3280, 15.6143, -61.6777

Monochromacy



Original Color

127.7590, 8.4998, -66.4406

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

127.9430, 2.9861, -24.5060

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.7590, 8.4998, -66.4406 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(52, 163, 145)` looks like.

```
.text, #text, p{  
    color:rgb(52, 163, 145)  
}
```

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(52, 163, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 163, 145) }
```

Border

The CSS property to change the border of an element to YUV 127.7590, 8.4998, -66.4406 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(52, 163, 145) }
```


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

```
.border{ border-color:rgb(52, 163, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 163, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 163, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 163, 145);  
box-shadow:4px 4px 4px 4px rgb(52, 163,  
145) }
```

Background

The CSS property to change the background color of an element to YUV 127.7590, 8.4998, -66.4406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 163, 145) }
```

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

```
.background{ background-color: rgb(52, 163,  
145) }
```

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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