

Converting Colors

YUV(95.5100, 6.1576, -61.8373)

Have a look what the booklet for
YUV(95.5100, 6.1576, -61.8373)
contains.

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Color

**YUV(95.5100, 6.1576,
-61.8373)**

Conversions

Conversions Part 1

Format	Color
Hex	19816C
RGB	25, 129, 108
RGB Percent	10%, 51%, 42%
CMY	0.9020, 0.4941, 0.5765
CMYK	0.81, 0.00, 0.16, 0.49
HSL	168°, 68%, 30%
HSV	168°, 81%, 51%
XYZ	10.9579, 16.9899, 16.8892
YIQ	95.5100, -55.2430, -28.5790

Conversions

Conversions Part 2

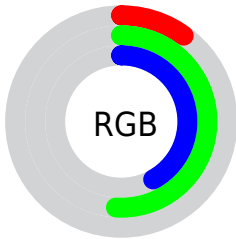
Format	Color
R_{YB}	25, 83, 129
Decimal	1671532
CIE _{Lab}	48.25, -33.58, 3.31
CIE _{LCh}	48, 33.740, 174.368
Yxy	16.9899, 0.2444, 0.3789
Android (android.graphics.Color)	4279861612 (0xFF19816C)
YUV	95.5100, 6.1576, -61.8373
Hunter-Lab	41.2188, -24.6790, 4.5594

Details

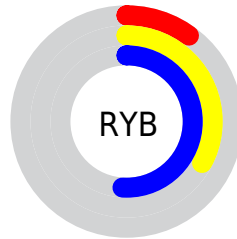
The YUV color **95.5100, 6.1576, -61.8373** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **58.4900, -6.1576, 61.8373**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.1580, 3.3731, -55.3896**, and **53.3270, 3.7828, -46.7678** is the 20% darker color. If you saturate the color by 10%, you get **91.2810, 6.7635, -69.5294**, and if you desaturate by 10%, it is **99.7390, 5.5517, -54.1451**.

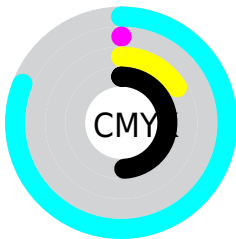
Distribution



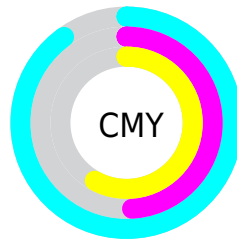
- Red (10%)
- Green (51%)
- Blue (42%)



- Red (10%)
- Yellow (33%)
- Blue (51%)



- Cyan (81%)
- Magenta (0%)
- Yellow (16%)
- Black (49%)



- Cyan (90%)
- Magenta (49%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.5100, 6.1576, -61.8373 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 95.5100, 6.1576, -61.8373 by changing the saturation by 10% instead.

■ 95.5100, 6.1576,
-61.8373

■ 95.5100, 6.1576,
-61.8373

■ 255.0000, 0.0000,
0.0000

■ 70.0370, 6.8838,
-61.4224

■ 152.1580, 3.3731,
-55.3896

■ 53.3270, 3.7828,
-46.7678

■ 179.4570, 3.2257,
-54.7748

■ 36.7310, 1.1186,
-32.2131

■ 208.0440, 2.9363,
-55.2896

■ 22.5970, -2.2663,
-19.8176

■ 229.0000, 6.4090,
-49.1120

■ 0.0000, 0.0000,
0.0000

■ 239.1530, 7.8126,
-32.5832

■ 247.8240, 3.5378,

-14.7546

■ 95.5100, 6.1576,
-61.8373

■ 95.5100, 6.1576,
-61.8373

■ 91.2810, 6.7635,
-69.5294

■ 99.7390, 5.5517,
-54.1451

■ 87.4650, 7.6588,
-76.7068

■ 103.8540, 4.5090,
-46.3530

■ 108.0830, 3.9031,
-38.6608

■ 112.1980, 2.8604,
-30.8686

■ 116.4270, 2.2545,
-23.1765

■ 120.3570, 1.7960,
-16.0991

■ 124.4720, 0.7533,
-8.3069

■ 128.7010, 0.1474,
-0.6148

■ 132.8160, -0.8953,
7.1774

Harmonies

Analogous

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



105.5070, -12.5750, -26.7546



95.5100, 6.1576, -61.8373



91.3410, 22.5099, -80.1061

Triad

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



95.5100, 6.1576, -61.8373



115.4980, 24.8975, -5.6987



114.3950, -22.3797, 38.2416

Complementary

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



95.5100, 6.1576, -61.8373



58.4900, -6.1576, 61.8373

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.



115.7240, -11.2029, 46.7231



95.5100, 6.1576, -61.8373



118.3400, 14.6224, 23.3808

Square

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



95.5100, 6.1576, -61.8373



106.0910, 32.0001, -43.9298



117.1330, 1.9064, 41.9794



112.6180, -27.4197, 21.3830

Rectangle

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



95.5100, 6.1576, -61.8373



92.1050, 30.5142, -80.7761



117.1330, 1.9064, 41.9794



114.9270, -19.1910, 42.1600

Sweetspot

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



95.5100, 6.1576, -61.8373



155.1280, 2.4019, -23.7913



92.9250, -33.4870, -39.3992



76.2540, 1.3538, -14.2548



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



95.5100, 6.1576, -61.8373



115.5010, 9.6130, -96.9094



80.8810, 23.7227, -49.0076



61.6790, 0.1583, -4.1035



86.7640, 7.5113, -76.0920



0.0000, 0.0000, 0.0000

Inverse Universe

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



58.4900, -6.1576, 61.8373



57.4990, -9.6130, 96.9094



73.1190, -23.7227, 49.0076



59.3210, -0.1583, 4.1035



41.2360, -7.5113, 76.0920



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 95.5100, 6.1576, -61.8373 looks on a white 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

Black Background



This preview shows how the YUV color 95.5100, 6.1576, -61.8373 looks on a black 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

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

YUV 95.5100, 6.1576, -61.8373

Background



This preview shows how black text looks on a background with the YUV color 95.5100, 6.1576, -61.8373.



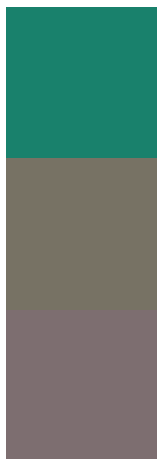
This preview shows how white text looks on a background with the YUV color 95.5100, 6.1576, -61.8373.

-61.8373.

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

95.5100, 6.1576, -61.8373

Protanopia

113.8990, -6.8522, 4.4736

Deuteranopia

114.7130, -1.3375, 9.0217



Tritanopia

101.6220, 16.4554, -51.4115

Trichromacy



Original Color

95.5100, 6.1576, -61.8373

Protanomaly

107.0100, -1.9769, -19.3028

Deuteranomaly

107.9440, 1.5066, -16.6139

Tritanomaly

98.9760, 12.8298, -55.2300

Monochromacy



Original Color

95.5100, 6.1576, -61.8373

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

95.7260, 2.1071, -22.5617

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.5100, 6.1576, -61.8373 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(25, 129, 108)` looks like.

```
.text, #text, p{  
    color:rgb(25, 129, 108)  
}
```

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(25, 129, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 129, 108) }
```

Border

The CSS property to change the border of an element to YUV 95.5100, 6.1576, -61.8373 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(25, 129, 108) }
```


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

```
.border{ border-color:rgb(25, 129, 108) }
```

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

Here you see how a box with a 4 pixel rgb(25, 129, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 129, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 129, 108);  
box-shadow:4px 4px 4px 4px rgb(25, 129,  
108) }
```

Background

The CSS property to change the background color of an element to YUV 95.5100, 6.1576, -61.8373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 129, 108) }
```

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

```
.background{ background-color: rgb(25, 129,  
108) }
```

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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