

Converting Colors

YUV(100.4990, 19.9670,
-10.9616)

Have a look what the booklet for
YUV(100.4990, 19.9670, -10.9616)
contains.

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Color

**YUV(100.4990, 19.9670,
-10.9616)**

Conversions

Conversions Part 1

Format	Color
Hex	58638D
RGB	88, 99, 141
RGB Percent	35%, 39%, 55%
CMY	0.6549, 0.6118, 0.4471
CMYK	0.38, 0.30, 0.00, 0.45
HSL	228°, 23%, 45%
HSV	228°, 38%, 55%
XYZ	13.2941, 12.9215, 26.9927
YIQ	100.4990, -20.0380, 10.7300

Conversions

Conversions Part 2

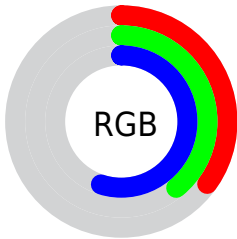
Format	Color
R_{YB}	88, 97, 141
Decimal	5792653
CIE _{Lab}	42.64, 6.76, -24.53
CIE _{LCh}	43, 25.443, 285.418
Yxy	12.9215, 0.2498, 0.2428
Android (android.graphics.Color)	4283982733 (0xFF58638D)
YUV	100.4990, 19.9670, -10.9616
Hunter-Lab	35.9465, 3.1083, -19.3592

Details

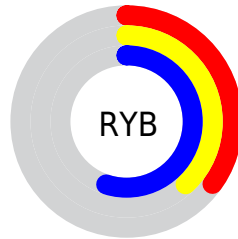
The YUV color **100.4990, 19.9670, -10.9616** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **128.5010, -19.9670, 10.9616**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.1400, 21.1300, -10.6468**, and **53.1460, 18.6620, -12.4060** is the 20% darker color. If you saturate the color by 10%, you get **89.8560, 25.2140, -13.9057**, and if you desaturate by 10%, it is **111.1420, 14.7200, -8.0175**.

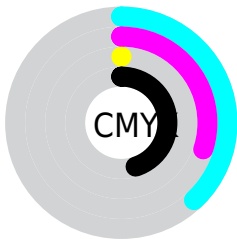
Distribution



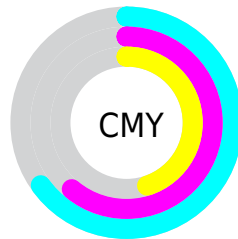
- Red (35%)
- Green (39%)
- Blue (55%)



- Red (35%)
- Yellow (38%)
- Blue (55%)



- Cyan (38%)
- Magenta (30%)
- Yellow (0%)
- Black (45%)



- Cyan (65%)
- Magenta (61%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.4990, 19.9670, -10.9616 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 100.4990, 19.9670, -10.9616 by changing the saturation by 10% instead.

■ 100.4990, 19.9670,
-10.9616

■ 100.4990, 19.9670,
-10.9616

■ 255.0000, 0.0000,
0.0000

■ 75.9720, 19.2408,
-11.3764

■ 152.1400, 21.1300,
-10.6468

■ 53.1460, 18.6620,
-12.4060

■ 178.6670, 21.8562,
-10.2320

■ 30.3090, 18.0887,
-15.1800

■ 206.3680, 22.0036,
-10.8467

■ 9.2390, 17.6302,
-8.1026

■ 231.6320, 11.5204,
-8.4473

■ 3.2090, 9.7570,
-2.8143

■ 253.8040, 0.5896,
-2.4591

■ 0.0000, 0.0000,
0.0000

■ 100.4990, 19.9670,
-10.9616

■ 100.4990, 19.9670,
-10.9616

■ 89.8560, 25.2140,
-13.9057

■ 111.1420, 14.7200,
-8.0175

■ 79.2130, 30.4610,
-16.8498

■ 121.7850, 9.4730,
-5.0734

■ 67.9830, 35.9974,
-19.2791

■ 133.0150, 3.9366,
-2.6442

■ 57.3400, 41.2444,
-22.2232

■ 143.6580, -1.3104,
0.2999

■ 46.3980, 46.6388,
-25.7820

■ 154.6000, -6.7048,
3.8588

■ 35.7550, 51.8858,
-28.7261

■ 165.2430,
-11.9518, 6.8029

■ 33.0970, 53.1962,
-29.0261

■ 175.8860,
-17.1988, 9.7470

■ 186.5290,

-22.4458, 12.6911

■ 197.7590,
-27.9822, 15.1204

Harmonies

Analogous

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



94.1430, 23.1005, -36.0824



100.4990, 19.9670, -10.9616



103.2200, 13.2025, 12.0851

Triad

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



100.4990, 19.9670, -10.9616



101.4140, -14.5011, 31.2089



91.4490, -1.2074, -32.8428

Complementary

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



100.4990, 19.9670, -10.9616



128.5010, -19.9670, 10.9616

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.



95.2960, -12.4709, -13.4146



100.4990, 19.9670, -10.9616



100.2680, -19.8521, 20.8130

Square

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



100.4990, 19.9670, -10.9616



102.7270, -5.7814, 34.4424



98.3970, -18.9297, 4.9138



85.5740, 12.5350, -54.0004

Rectangle

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



100.4990, 19.9670, -10.9616



103.5050, 7.6390, 23.2361



98.3970, -18.9297, 4.9138



92.8690, -4.8654, -26.1951

Sweetspot

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



100.4990, 19.9670, -10.9616



168.3290, 7.7258, -4.6735



123.8990, 3.0078, -31.4834



82.5420, 4.6628, -2.2293



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



100.4990, 19.9670, -10.9616



120.4410, 31.3346, -17.0498



98.5270, 20.9392, 3.9228



65.9720, 2.4788, -1.7294



31.8260, 50.8648, -27.9114



2.0860, 2.9156, -1.8294

Inverse Universe

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



105.1010, -3.0078, 31.4834



127.7550, -4.8092, 49.3269



130.4730, -20.9392, -3.9228



66.3210, -0.1583, 4.1035



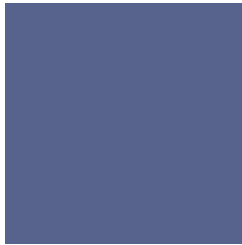
43.5570, -7.6696, 80.1955



2.6200, -0.3057, 4.7183

Previews

White Background



This preview shows how the YUV color 100.4990, 19.9670, -10.9616 looks on a white background.

Color Contrast Check

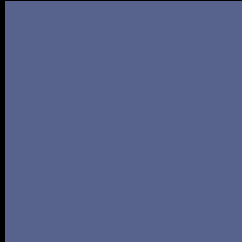
Large Text (above 18pt) WCAG AA ✓ Pass

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 100.4990, 19.9670, -10.9616 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

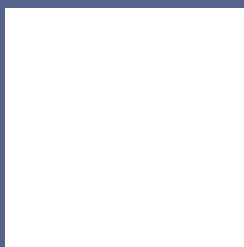
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 100.4990, 19.9670, -10.9616

Background



This preview shows how black text looks on a background with the YUV color 100.4990, 19.9670, -10.9616.



This preview shows how white text looks on a background with the YUV color 100.4990, 19.9670, -10.9616.

-10.9616.

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

100.4990, 19.9670, -10.9616

Protanopia

100.4990, 19.9670, -10.9616

Deuteranopia

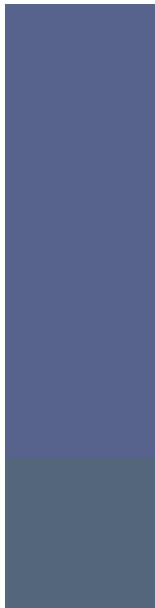
99.9010, 20.2618, -12.1912



Tritanopia

98.1490, 7.3215, -15.0397

Trichromacy



Original Color

100.4990, 19.9670, -10.9616

Protanomaly

100.4990, 19.9670, -10.9616

Deuteranomaly

100.2000, 20.1144, -11.5764

Tritanomaly

99.0120, 11.8261, -13.1655

Monochromacy



Original Color

100.4990, 19.9670, -10.9616

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

100.5140, 7.1416, -3.9588

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.4990, 19.9670, -10.9616 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(88, 99, 141)` looks like.

```
.text, #text, p{  
    color:rgb(88, 99, 141)  
}
```

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(88, 99, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 99, 141) }
```

Border

The CSS property to change the border of an element to YUV 100.4990, 19.9670, -10.9616 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(88, 99, 141) }
```


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

```
.border{ border-color:rgb(88, 99, 141) }
```

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

Here you see how a box with a 4 pixel rgb(88, 99, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 99, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 99, 141);  
box-shadow:4px 4px 4px 4px rgb(88, 99,  
141) }
```

Background

The CSS property to change the background color of an element to YUV 100.4990, 19.9670, -10.9616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 99, 141) }
```

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

```
.background{ background-color: rgb(88, 99,  
141) }
```

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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