

Converting Colors

YUV(103.1990, 21.5939,
-19.4685)

Have a look what the booklet for
YUV(103.1990, 21.5939, -19.4685)
contains.

YUV(103.1990, 21.5939, -19.4685)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(103.1990, 21.5939,
-19.4685)**

Conversions

Conversions Part 1

Format	Color
Hex	516A93
RGB	81, 106, 147
RGB Percent	32%, 42%, 58%
CMY	0.6824, 0.5843, 0.4235
CMYK	0.45, 0.28, 0.00, 0.42
HSL	217°, 29%, 45%
HSV	217°, 45%, 58%
XYZ	13.8138, 14.1640, 29.6096
YIQ	103.1990, -28.0610, 7.4510

Conversions

Conversions Part 2

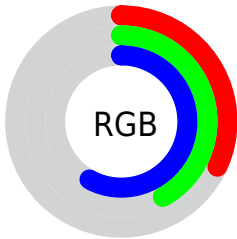
Format	Color
R _Y B	81, 99, 147
Decimal	5335699
CIE Lab	44.47, 2.25, -25.32
CIE LCh	44, 25.421, 275.074
Yxy	14.1640, 0.2399, 0.2460
Android (android.graphics.Color)	4283525779 (0xFF516A93)
YUV	103.1990, 21.5939, -19.4685
Hunter-Lab	37.6351, -0.3435, -20.3022

Details

The YUV color **103.1990, 21.5939, -19.4685** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **124.8010, -21.5939, 19.4685**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.8400, 22.7569, -19.1537**, and **54.2480, 20.5837, -22.1425** is the 20% darker color. If you saturate the color by 10%, you get **93.4310, 26.4095, -24.0570**, and if you desaturate by 10%, it is **112.9670, 16.7783, -14.8801**.

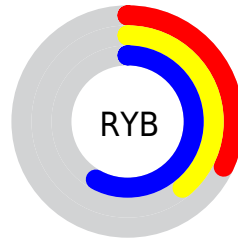
Distribution



Red (32%)

Green (42%)

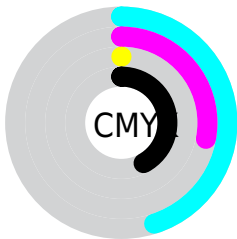
Blue (58%)



Red (32%)

Yellow (39%)

Blue (58%)

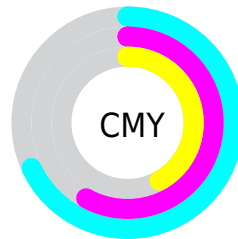


Cyan (45%)

Magenta (28%)

Yellow (0%)

Black (42%)



Cyan (68%)

Magenta (58%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.1990, 21.5939, -19.4685 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 103.1990, 21.5939, -19.4685 by changing the saturation by 10% instead.

■ 103.1990, 21.5939,
-19.4685

■ 103.1990, 21.5939,
-19.4685

■ 255.0000, 0.0000,
0.0000

■ 78.3730, 21.0151,
-20.4981

■ 154.8400, 22.7569,
-19.1537

■ 54.2480, 20.5837,
-22.1425

■ 181.9540, 23.1937,
-19.2537

■ 30.5140, 20.4526,
-26.7608

■ 209.7260, 22.3201,
-19.0537

■ 15.6790, 16.9203,
-13.7505

■ 234.5340, 10.0897,
-16.2543

■ 4.3660, 11.6516,
-3.8290

■ 252.0100, 1.4741,
-6.1478

■ 0.0000, 0.0000,
0.0000

■ 103.1990, 21.5939,
-19.4685

■ 103.1990, 21.5939,
-19.4685

■ 93.4310, 26.4095,
-24.0570

■ 112.9670, 16.7783,
-14.8801

■ 83.9620, 31.0777,
-28.0307

■ 122.4360, 12.1101,
-10.9064

■ 74.1940, 35.8934,
-32.6191

■ 132.2040, 7.2944,
-6.3179

■ 63.8390, 40.9984,
-36.6928

■ 142.5590, 2.1894,
-2.2442

■ 54.3700, 45.6666,
-40.6665

■ 152.3270, -2.6262,
2.3442


■ 49.6300, 48.0034,
-43.5255

■ 161.7960, -7.2944,
6.3179

■ 171.5640,
-12.1101, 10.9064

■ 181.3320,

-16.9257, 15.4948

 190.8010,
-21.5939, 19.4685

Harmonies

Analogous

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



95.8000, 23.2696, -43.6746



103.1990, 21.5939, -19.4685



106.9740, 16.2818, 4.4078

Triad

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



103.1990, 21.5939, -19.4685



106.1200, -11.8912, 34.0978



97.7550, -5.3022, -26.0951

Complementary

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



103.1990, 21.5939, -19.4685



124.8010, -21.5939, 19.4685

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.



100.9440, -15.2554, -6.9669



103.1990, 21.5939, -19.4685



105.2300, -18.8474, 25.2313

Square

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



103.1990, 21.5939, -19.4685



107.5250, -2.7238, 33.7426



103.5010, -19.9670, 10.9616



92.9510, 7.4192, -46.4380

Rectangle

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



103.1990, 21.5939, -19.4685



108.5690, 10.5655, 17.9180



103.5010, -19.9670, 10.9616



98.7620, -9.2497, -19.9623

Sweetspot

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



103.1990, 21.5939, -19.4685



174.7200, 8.0260, -7.6474



124.4160, -1.1911, -38.0758



86.3460, 5.2524, -4.6884



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



103.1990, 21.5939, -19.4685



122.6350, 33.7039, -30.3749



90.9160, 27.6494, -1.6803



68.9720, 2.4788, -1.7294



46.2560, 45.2298, -40.5665



3.4880, 3.2104, -3.0590

Inverse Universe

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



103.5840, 1.1911, 38.0758



123.2430, 1.8522, 59.4229



137.0840, -27.6494, 1.6803



69.3210, -0.1583, 4.1035



47.1900, 2.3713, 79.6404



3.4460, 0.2731, 5.7479

Previews

White Background



This preview shows how the YUV color 103.1990, 21.5939, -19.4685 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 103.1990, 21.5939, -19.4685 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 103.1990, 21.5939, -19.4685

Background



This preview shows how black text looks on a background with the YUV color 103.1990, 21.5939, -19.4685.



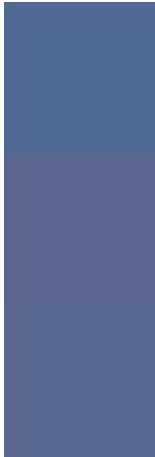
This preview shows how white text looks on a background with the YUV color 103.1990, 21.5939, -19.4685.

-19.4685.

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

103.1990, 21.5939, -19.4685

Protanopia

104.4990, 19.9670, -10.9616

Deuteranopia

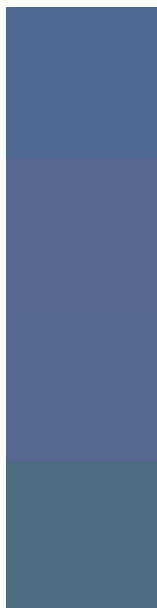
104.7160, 20.8460, -12.9059



Tritanopia

100.6640, 9.5326, -24.2613

Trichromacy



Original Color

103.1990, 21.5939, -19.4685

Protanomaly

104.0040, 20.7040, -14.0355

Deuteranomaly

104.4060, 20.9988, -15.2651

Tritanomaly

101.5270, 14.0372, -22.3872

Monochromacy



Original Color

103.1990, 21.5939, -19.4685

Achromatopsia

103.0000, 0.0000, 0.0000

Achromatomaly

103.0190, 7.8786, -7.0327

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.1990, 21.5939, -19.4685 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(81, 106, 147)` looks like.

```
.text, #text, p{  
    color:rgb(81, 106, 147)  
}
```

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(81, 106, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 106, 147) }
```

Border

The CSS property to change the border of an element to YUV 103.1990, 21.5939, -19.4685 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(81, 106, 147) }
```


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

```
.border{ border-color:rgb(81, 106, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 106, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 106, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 106, 147);  
box-shadow:4px 4px 4px 4px rgb(81, 106,  
147) }
```

Background

The CSS property to change the background color of an element to YUV 103.1990, 21.5939, -19.4685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 106, 147) }
```

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

```
.background{ background-color: rgb(81, 106,  
147) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor