

Converting Colors

YUV(101.3190, 19.5627,
-21.3278)

Have a look what the booklet for
YUV(101.3190, 19.5627, -21.3278)
contains.

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Color

**YUV(101.3190, 19.5627,
-21.3278)**

Conversions

Conversions Part 1

Format	Color
Hex	4D6A8D
RGB	77, 106, 141
RGB Percent	30%, 42%, 55%
CMY	0.6980, 0.5843, 0.4471
CMYK	0.45, 0.25, 0.00, 0.45
HSL	213°, 29%, 43%
HSV	213°, 45%, 55%
XYZ	13.0223, 13.8089, 27.1783
YIQ	101.3190, -28.5190, 4.7370

Conversions

Conversions Part 2

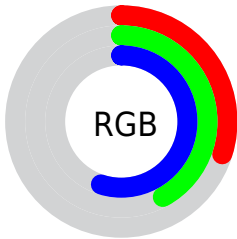
Format	Color
RYB	77, 97, 141
Decimal	5073549
CIELab	43.96, -0.68, -22.55
CIELCh	44, 22.561, 268.284
Yxy	13.8089, 0.2411, 0.2557
Android (android.graphics.Color)	4283263629 (0xFF4D6A8D)
YUV	101.3190, 19.5627, -21.3278
Hunter-Lab	37.1604, -2.4779, -17.3512

Details

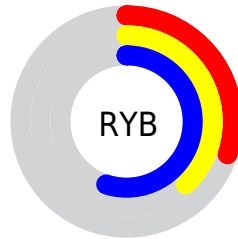
The YUV color **101.3190, 19.5627, -21.3278** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **116.6810, -19.5627, 21.3278**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.9600, 20.7257, -21.0129**, and **52.4820, 18.9894, -24.1017** is the 20% darker color. If you saturate the color by 10%, you get **92.4370, 23.9416, -25.8162**, and if you desaturate by 10%, it is **110.2010, 15.1839, -16.8393**.

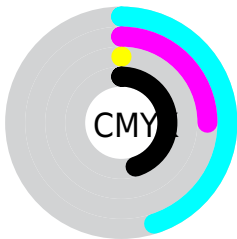
Distribution



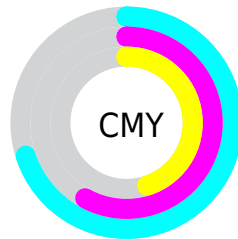
- Red (30%)
- Green (42%)
- Blue (55%)



- Red (30%)
- Yellow (38%)
- Blue (55%)



- Cyan (45%)
- Magenta (25%)
- Yellow (0%)
- Black (45%)



- Cyan (70%)
- Magenta (58%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 101.3190, 19.5627, -21.3278 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 101.3190, 19.5627, -21.3278 by changing the saturation by 10% instead.

■ 101.3190, 19.5627,
-21.3278

■ 101.3190, 19.5627,
-21.3278

■ 255.0000, 0.0000,
0.0000

■ 76.7920, 18.8365,
-21.7426

■ 152.9600, 20.7257,
-21.0129

■ 52.4820, 18.9894,
-24.1017

■ 180.0740, 21.1625,
-21.1129

■ 29.9440, 18.2686,
-26.2609

■ 207.7750, 21.3099,
-21.7277

■ 14.5220, 15.0257,
-12.7358

■ 233.3380, 10.6794,
-18.7134

■ 3.3230, 10.1938,
-2.9143

■ 250.5150, 2.2111,
-9.2217

■ 0.0000, 0.0000,
0.0000

■ 101.3190, 19.5627,
-21.3278

■ 101.3190, 19.5627,
-21.3278

■ 92.4370, 23.9416,
-25.8162

■ 110.2010, 15.1839,
-16.8393

■ 84.1420, 28.0310,
-30.8195

■ 118.4960, 11.0945,
-11.8360

■ 75.2600, 32.4098,
-35.3080

■ 127.3780, 6.7156,
-7.3475

■ 66.3780, 36.7886,
-39.7965

■ 136.2600, 2.3368,
-2.8590

■ 57.1970, 41.3149,
-44.8998

■ 145.4410, -2.1894,
2.2442

■ 53.6420, 43.0675,
-47.0440

■ 153.7360, -6.2788,
7.2475

■ 162.6180,
-10.6577, 11.7360

■ 171.5000,

-15.0365, 16.2245

 179.7950,
-19.1259, 21.2278

Harmonies

Analogous

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



95.4970, 19.4750, -39.9009



101.3190, 19.5627, -21.3278



105.1260, 15.7139, -0.1105

Triad

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



101.3190, 19.5627, -21.3278



105.4940, -9.1175, 31.1388



98.0440, -6.9237, -19.3326

Complementary

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



101.3190, 19.5627, -21.3278



116.6810, -19.5627, 21.3278

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.



100.6780, -15.1243, -2.3486



101.3190, 19.5627, -21.3278



104.4410, -15.5004, 25.0462

Square

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



101.3190, 19.5627, -21.3278



106.4750, -0.2342, 28.5244



102.6800, -18.0832, 13.4356



94.9910, 3.4554, -35.0721

Rectangle

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



101.3190, 19.5627, -21.3278



106.3510, 11.1660, 11.9702



102.6800, -18.0832, 13.4356



99.1650, -10.4343, -13.2997

Sweetspot

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



101.3190, 19.5627, -21.3278



168.0080, 7.8841, -8.7770



118.4440, -3.6699, -36.3464



81.9330, 4.9630, -5.2032



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.



101.3190, 19.5627, -21.3278



121.8150, 30.6572, -33.1638



84.8940, 27.6603, -5.1690



66.5590, 2.1894, -2.2442



51.1970, 41.3149, -44.8998



2.6730, 2.6262, -2.3442

Inverse Universe

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



99.4420, 3.2331, 36.4464



119.0300, 4.9152, 56.9787



133.1060, -27.6603, 5.1690



66.4350, 0.2785, 4.0035



47.3190, 6.7447, 76.8962



2.7340, 0.1311, 4.6183

Previews

White Background



This preview shows how the YUV color 101.3190, 19.5627, -21.3278 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 101.3190, 19.5627, -21.3278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

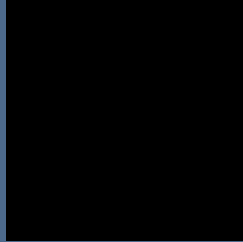
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

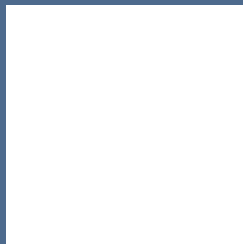
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 101.3190, 19.5627, -21.3278

Background



This preview shows how black text looks on a background with the YUV color 101.3190, 19.5627, -21.3278.



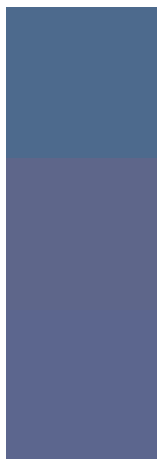
This preview shows how white text looks on a background with the YUV color 101.3190, 19.5627, -21.3278.

-21.3278.

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

101.3190, 19.5627, -21.3278

Protanopia

103.7120, 16.9040, -8.5174

Deuteranopia

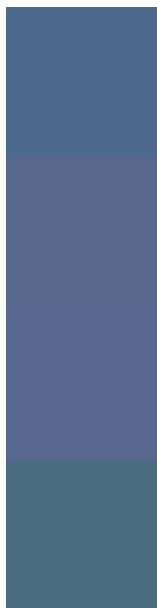
103.5700, 18.9460, -10.1469



Tritanopia

99.3650, 9.6801, -24.8761

Trichromacy



Original Color

101.3190, 19.5627, -21.3278

Protanomaly

102.6190, 17.9358, -12.8209

Deuteranomaly

102.6620, 19.3936, -13.7356

Tritanomaly

100.2880, 13.1690, -23.9316

Monochromacy



Original Color

101.3190, 19.5627, -21.3278

Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

101.1930, 7.2999, -8.0623

CSS Examples

Text

The CSS property to change the color of the text to YUV 101.3190, 19.5627, -21.3278 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(77, 106, 141)` looks like.

```
.text, #text, p{  
    color:rgb(77, 106, 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(77, 106, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 106, 141) }
```

Border

The CSS property to change the border of an element to YUV 101.3190, 19.5627, -21.3278 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(77, 106, 141) }
```


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

```
.border{ border-color:rgb(77, 106, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 106, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 106, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 106, 141);  
box-shadow:4px 4px 4px 4px rgb(77, 106,  
141) }
```

Background

The CSS property to change the background color of an element to YUV 101.3190, 19.5627, -21.3278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 106, 141) }
```

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

```
.background{ background-color: rgb(77, 106,  
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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