

Converting Colors

YUV(100.4380, 19.0111,
-31.0791)

Have a look what the booklet for
YUV(100.4380, 19.0111, -31.0791)
contains.

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Color

**YUV(100.4380, 19.0111,
-31.0791)**

Conversions

Conversions Part 1

Format	Color
Hex	416F8B
RGB	65, 111, 139
RGB Percent	25%, 44%, 55%
CMY	0.7451, 0.5647, 0.4549
CMYK	0.53, 0.20, 0.00, 0.45
HSL	203°, 36%, 40%
HSV	203°, 53%, 55%
XYZ	12.5246, 14.3568, 26.5371
YIQ	100.4380, -36.4040, -1.0440

Conversions

Conversions Part 2

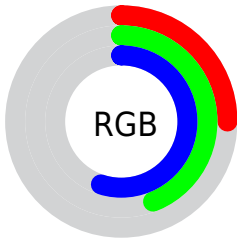
Format	Color
R _{YB}	65, 93, 139
Decimal	4288395
CIE Lab	44.74, -7.38, -20.20
CIE LCh	45, 21.508, 249.945
Yxy	14.3568, 0.2345, 0.2688
Android (android.graphics.Color)	4282478475 (0xFF416F8B)
YUV	100.4380, 19.0111, -31.0791
Hunter-Lab	37.8903, -7.3051, -15.0015

Details

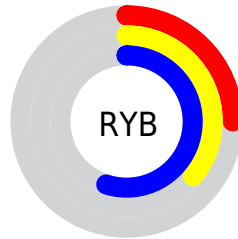
The YUV color **100.4380, 19.0111, -31.0791** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **103.5620, -19.0111, 31.0791**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.9650, 19.7373, -30.6643**, and **47.7250, 20.3486, -40.1008** is the 20% darker color. If you saturate the color by 10%, you get **93.3170, 22.5217, -37.1120**, and if you desaturate by 10%, it is **107.5590, 15.5004, -25.0462**.

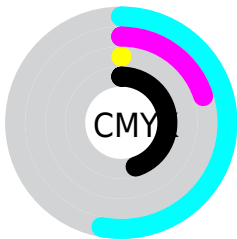
Distribution



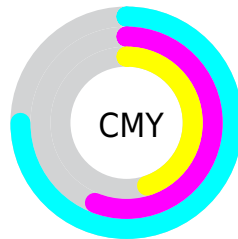
- Red (25%)
- Green (44%)
- Blue (55%)



- Red (25%)
- Yellow (36%)
- Blue (55%)



- Cyan (53%)
- Magenta (20%)
- Yellow (0%)
- Black (45%)



- Cyan (75%)
- Magenta (56%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.4380, 19.0111, -31.0791 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 100.4380, 19.0111, -31.0791 by changing the saturation by 10% instead.

■ 100.4380, 19.0111,
-31.0791

■ 100.4380, 19.0111,
-31.0791

■ 255.0000, 0.0000,
0.0000

■ 75.3130, 18.5797,
-32.7235

■ 152.9650, 19.7373,
-30.6643

■ 47.7250, 20.3486,
-40.1008

■ 179.9650, 19.7373,
-30.6643

■ 32.0640, 16.2374,
-28.1201

■ 207.1930, 20.6109,
-30.8643

■ 17.2290, 12.7051,
-15.1098

■ 233.5710, 10.5645,
-28.5648

■ 3.0950, 9.3202,
-2.7143

■ 247.2260, 3.8326,
-15.9842

■ 0.0000, 0.0000,
0.0000

■ 100.4380, 19.0111,
-31.0791

■ 100.4380, 19.0111,
-31.0791

■ 93.3170, 22.5217,
-37.1120

■ 107.5590, 15.5004,
-25.0462

■ 85.6090, 26.3218,
-42.6301

■ 115.2670, 11.7004,
-19.5282

■ 78.4880, 29.8324,
-48.6630

■ 122.3880, 8.1897,
-13.4953

■ 71.3670, 33.3431,
-54.6959

■ 129.5090, 4.6791,
-7.4624

■ 66.3280, 35.8273,
-58.1697

■ 136.3310, 1.3158,
-2.0443

■ 144.0390, -2.4842,
3.4738

■ 151.1600, -5.9949,
9.5067

■ 158.2810, -9.5055,

15.5396

■ 165.4020,
-13.0162, 21.5724

Harmonies

Analogous

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



96.4490, 15.5546, -42.4898



100.4380, 19.0111, -31.0791



104.9180, 17.7884, -12.2061

Triad

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



100.4380, 19.0111, -31.0791



107.5630, -3.7286, 29.3242



102.4430, -12.0504, -8.2815

Complementary

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



100.4380, 19.0111, -31.0791



103.5620, -19.0111, 31.0791

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.



104.2770, -16.8986, 6.7731



100.4380, 19.0111, -31.0791



106.9020, -11.2907, 28.1499

Square

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



100.4380, 19.0111, -31.0791



108.5110, 5.1711, 21.4769



106.1800, -16.3577, 20.0131



99.6350, -3.2711, -24.2359

Rectangle

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



100.4380, 19.0111, -31.0791



107.1970, 14.6929, 0.7042



106.1800, -16.3577, 20.0131



102.6070, -14.1033, -3.1633

Sweetspot

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



100.4380, 19.0111, -31.0791



165.8720, 7.4581, -12.1657



111.5160, -9.6214, -40.7945



82.5090, 4.6791, -7.4624



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.



100.4380, 19.0111, -31.0791



120.4880, 29.8324, -48.6630



79.3060, 29.4291, -12.5464



65.1460, 1.9000, -2.7590



63.2960, 34.3641, -55.5106



2.3310, 1.3158, -2.0443

Inverse Universe

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



92.3700, 9.1846, 40.8945



107.8920, 14.3502, 64.1157



124.6940, -29.4291, 12.5464



64.5490, 0.7153, 3.9035



49.1150, 16.2123, 73.5671



1.8370, 0.5734, 2.7740

Previews

White Background



This preview shows how the YUV color 100.4380, 19.0111, -31.0791 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 100.4380, 19.0111, -31.0791 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

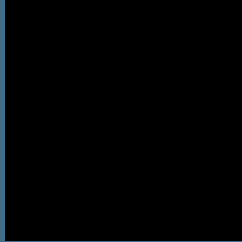
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 100.4380, 19.0111, -31.0791

Background



This preview shows how black text looks on a background with the YUV color 100.4380, 19.0111, -31.0791.

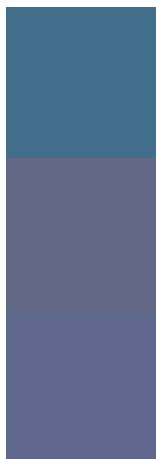


This preview shows how white text looks on a background with the YUV color 100.4380, 19.0111, -31.0791.

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

100.4380, 19.0111, -31.0791

Protanopia

105.6260, 13.9884, -6.6880

Deuteranopia

105.8260, 17.3408, -8.6174



Tritanopia

98.5810, 12.0386, -34.7125

Trichromacy



Original Color

100.4380, 19.0111, -31.0791

Protanomaly

104.0270, 15.7627, -15.8097

Deuteranomaly

104.1840, 17.6573, -16.8244

Tritanomaly

99.2760, 14.6539, -33.5681

Monochromacy



Original Color

100.4380, 19.0111, -31.0791

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

100.0570, 6.8739, -11.4510

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.4380, 19.0111, -31.0791 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(65, 111, 139)` looks like.

```
.text, #text, p{  
    color:rgb(65, 111, 139)  
}
```

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(65, 111, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 111, 139) }
```

Border

The CSS property to change the border of an element to YUV 100.4380, 19.0111, -31.0791 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(65, 111, 139) }
```


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

```
.border{ border-color:rgb(65, 111, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 111, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 111, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 111, 139);  
box-shadow:4px 4px 4px 4px rgb(65, 111,  
139) }
```

Background

The CSS property to change the background color of an element to YUV 100.4380, 19.0111, -31.0791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 111, 139) }
```

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

```
.background{ background-color: rgb(65, 111,  
139) }
```

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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