

Converting Colors

YUV(108.3090, 18.0887,
-15.1800)

Have a look what the booklet for
YUV(108.3090, 18.0887, -15.1800)
contains.

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Color

**YUV(108.3090, 18.0887,
-15.1800)**

Conversions

Conversions Part 1

Format	Color
Hex	5B6E91
RGB	91, 110, 145
RGB Percent	36%, 43%, 57%
CMY	0.6431, 0.5686, 0.4314
CMYK	0.37, 0.24, 0.00, 0.43
HSL	219°, 23%, 46%
HSV	219°, 37%, 57%
XYZ	15.0011, 15.4203, 28.9738
YIQ	108.3090, -22.5590, 6.8570

Conversions

Conversions Part 2

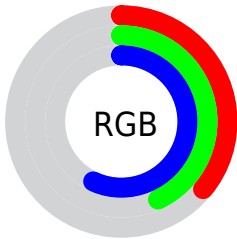
Format	Color
R_{YB}	91, 105, 145
Decimal	5992081
CIE _{Lab}	46.20, 2.08, -21.39
CIE _{LCh}	46, 21.493, 275.567
Yxy	15.4203, 0.2526, 0.2596
Android (android.graphics.Color)	4284182161 (0xFF5B6E91)
YUV	108.3090, 18.0887, -15.1800
Hunter-Lab	39.2687, -0.5311, -16.2581

Details

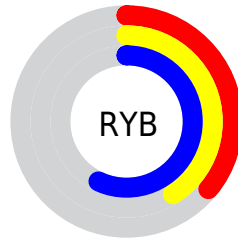
The YUV color **108.3090, 18.0887, -15.1800** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **127.6910, -18.0887, 15.1800**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.9500, 19.2517, -14.8651**, and **60.2550, 16.6363, -16.0096** is the 20% darker color. If you saturate the color by 10%, you get **98.8400, 22.7569, -19.1537**, and if you desaturate by 10%, it is **118.0770, 13.2730, -10.5915**.

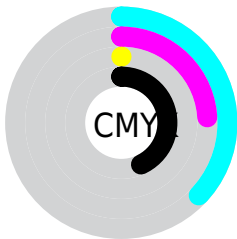
Distribution



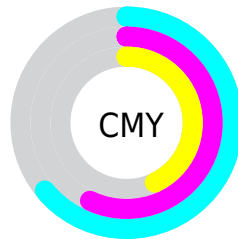
- Red (36%)
- Green (43%)
- Blue (57%)



- Red (36%)
- Yellow (41%)
- Blue (57%)



- Cyan (37%)
- Magenta (24%)
- Yellow (0%)
- Black (43%)



- Cyan (64%)
- Magenta (57%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 108.3090, 18.0887, -15.1800 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 108.3090, 18.0887, -15.1800 by changing the saturation by 10% instead.

■ 108.3090, 18.0887,
-15.1800

■ 108.3090, 18.0887,
-15.1800

■ 255.0000, 0.0000,
0.0000

■ 83.7820, 17.3625,
-15.5948

■ 159.9500, 19.2517,
-14.8651

■ 60.2550, 16.6363,
-16.0096

■ 187.0640, 19.6884,
-14.9651

■ 36.9450, 16.7891,
-18.3688

■ 215.0640, 19.6884,
-14.9651

■ 17.7990, 14.8891,
-15.6097

■ 240.4590, 7.1687,
-12.6805

■ 3.6650, 11.5042,
-3.2142

■ 0.0000, 0.0000,
0.0000

■ 108.3090, 18.0887,
-15.1800

■ 108.3090, 18.0887,
-15.1800

■ 98.8400, 22.7569,
-19.1537

■ 118.0770, 13.2730,
-10.5915

■ 88.4850, 27.8619,
-23.2273

■ 128.1330, 8.3154,
-7.1326

■ 78.7170, 32.6775,
-27.8158

■ 137.9010, 3.4998,
-2.5442

■ 68.6610, 37.6351,
-31.2747

■ 147.9570, -1.4578,
0.9147

■ 59.1920, 42.3033,
-35.2484

■ 157.7250, -6.2734,
5.5032

■ 49.4240, 47.1190,
-39.8368


■ 167.1940,
-10.9416, 9.4769

■ 46.4670, 48.5768,
-40.7516

■ 177.5490,
-16.0467, 13.5505

■ 187.0180,

-20.7149, 17.5242

 197.3730,
-25.8199, 21.5979

Harmonies

Analogous

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



103.4270, 19.0165, -32.8235



108.3090, 18.0887, -15.1800



111.5780, 13.5190, 3.8781

Triad

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



108.3090, 18.0887, -15.1800



110.7280, -10.7119, 29.1795



103.3040, -4.5869, -22.1916

Complementary

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



108.3090, 18.0887, -15.1800



127.6910, -18.0887, 15.1800

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.



106.2260, -12.9294, -6.3372



108.3090, 18.0887, -15.1800



109.6040, -16.0738, 22.2723

Square

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



108.3090, 18.0887, -15.1800



111.9050, -2.4182, 29.0243



108.0000, -16.7620, 9.6470



100.2620, 5.7868, -36.1868

Rectangle

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



108.3090, 18.0887, -15.1800



112.3900, 8.6817, 15.4440



108.0000, -16.7620, 9.6470



104.2400, -7.5133, -16.8735

Sweetspot

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



108.3090, 18.0887, -15.1800



174.5030, 7.1470, -5.7031



126.5740, -0.7760, -31.1984



85.7160, 4.0840, -3.2589



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



108.3090, 18.0887, -15.1800



131.3000, 28.4461, -23.9421



99.2490, 22.5552, -1.0954



66.5590, 2.1894, -2.2442



43.5660, 45.0770, -38.2074



2.6730, 2.6262, -2.3442

Inverse Universe

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



109.3120, 0.3392, 31.2984



132.8350, 0.5743, 49.2567



136.7510, -22.5552, 1.0954



66.4350, 0.2785, 4.0035



45.8370, 1.0664, 78.1960



2.7340, 0.1311, 4.6183

Previews

White Background



This preview shows how the YUV color 108.3090, 18.0887, -15.1800 looks on a white background.

Color Contrast Check

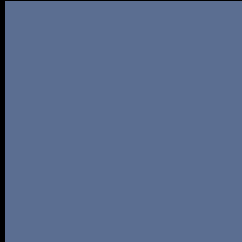
Large Text (above 18pt) WCAG AA ✓ Pass

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 108.3090, 18.0887, -15.1800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

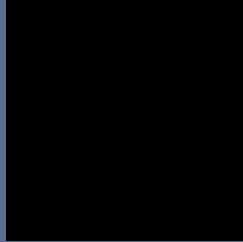
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

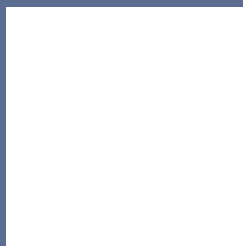
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 108.3090, 18.0887, -15.1800

Background



This preview shows how black text looks on a background with the YUV color 108.3090, 18.0887, -15.1800.



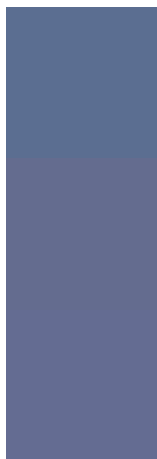
This preview shows how white text looks on a background with the YUV color 108.3090, 18.0887, -15.1800.

-15.1800.

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

108.3090, 18.0887, -15.1800

Protanopia

109.5980, 16.4672, -8.4174

Deuteranopia

109.9400, 17.7776, -8.7174



Tritanopia

106.6540, 8.0586, -18.1136

Trichromacy



Original Color

108.3090, 18.0887, -15.1800

Protanomaly

109.4020, 17.0568, -10.8766

Deuteranomaly

109.6300, 17.9304, -11.0765

Tritanomaly

107.5770, 11.5475, -17.1690

Monochromacy



Original Color

108.3090, 18.0887, -15.1800

Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

108.2750, 6.2734, -5.5032

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.3090, 18.0887, -15.1800 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(91, 110, 145)` looks like.

```
.text, #text, p{  
    color:rgb(91, 110, 145)  
}
```

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(91, 110, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 110, 145) }
```

Border

The CSS property to change the border of an element to YUV 108.3090, 18.0887, -15.1800 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(91, 110, 145) }
```


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

```
.border{ border-color:rgb(91, 110, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 110, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 110, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 110, 145);  
box-shadow:4px 4px 4px 4px rgb(91, 110,  
145) }
```

Background

The CSS property to change the background color of an element to YUV 108.3090, 18.0887, -15.1800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 110, 145) }
```

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

```
.background{ background-color: rgb(91, 110,  
145) }
```

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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