

Converting Colors

YUV(116.3090, 18.0887,
-15.1800)

Have a look what the booklet for
YUV(116.3090, 18.0887, -15.1800)
contains.

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Color

**YUV(116.3090, 18.0887,
-15.1800)**

Conversions

Conversions Part 1

Format	Color
Hex	637699
RGB	99, 118, 153
RGB Percent	39%, 46%, 60%
CMY	0.6118, 0.5373, 0.4000
CMYK	0.35, 0.23, 0.00, 0.40
HSL	219°, 21%, 49%
HSV	219°, 35%, 60%
XYZ	17.3738, 17.9094, 32.6782
YIQ	116.3090, -22.5590, 6.8570

Conversions

Conversions Part 2

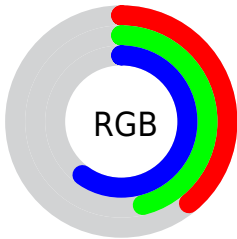
Format	Color
R_{YB}	99, 113, 153
Decimal	6518425
CIE Lab	49.39, 1.93, -21.17
CIE LCh	49, 21.258, 275.199
Yxy	17.9094, 0.2556, 0.2635
Android (android.graphics.Color)	4284708505 (0xFF637699)
YUV	116.3090, 18.0887, -15.1800
Hunter-Lab	42.3195, -0.7781, -16.1587

Details

The YUV color **116.3090, 18.0887, -15.1800** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **135.6910, -18.0887, 15.1800**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.5370, 18.9623, -15.3799**, and **67.3690, 17.0731, -16.1096** is the 20% darker color. If you saturate the color by 10%, you get **105.9540, 23.1937, -19.2537**, and if you desaturate by 10%, it is **126.6640, 12.9836, -11.1063**.

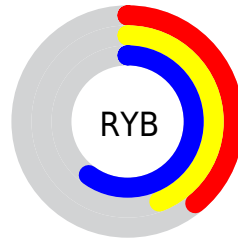
Distribution



Red (39%)

Green (46%)

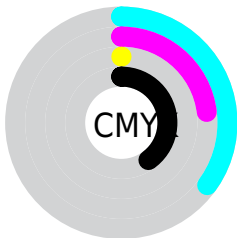
Blue (60%)



Red (39%)

Yellow (44%)

Blue (60%)

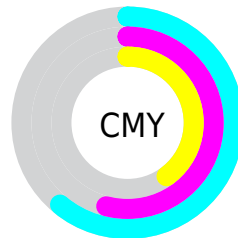


Cyan (35%)

Magenta (23%)

Yellow (0%)

Black (40%)



Cyan (61%)

Magenta (54%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.3090, 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 116.3090, 18.0887, -15.1800 by changing the saturation by 10% instead.

■ 116.3090, 18.0887,
-15.1800

■ 116.3090, 18.0887,
-15.1800

■ 255.0000, 0.0000,
0.0000

■ 91.1950, 17.6519,
-15.0800

■ 168.5370, 18.9623,
-15.3799

■ 67.3690, 17.0731,
-16.1096

■ 195.7650, 19.8359,
-15.5799

■ 44.5430, 16.4943,
-17.1392

■ 222.7390, 15.9047,
-14.6801

■ 22.1190, 16.2103,
-19.3984

■ 248.4330, 3.2375,
-11.7807

■ 5.0500, 14.2723,
-4.4289

■ 0.7980, 3.0576,
-0.6998

■ 0.0000, 0.0000,

0.0000

■ 116.3090, 18.0887,
-15.1800

■ 116.3090, 18.0887,
-15.1800

■ 105.9540, 23.1937,
-19.2537

■ 126.6640, 12.9836,
-11.1063

■ 95.3000, 28.4461,
-23.9421

■ 137.3180, 7.7312,
-6.4179

■ 84.9450, 33.5511,
-28.0158

■ 147.6730, 2.6262,
-2.3442

■ 74.5900, 38.6561,
-32.0894

■ 158.0280, -2.4788,
1.7294

■ 64.2350, 43.7611,
-36.1631

■ 168.3830, -7.5838,
5.8031

■ 53.5810, 49.0136,
-40.8515

■ 179.0370,
-12.8362, 10.4916

■ 49.1400, 51.2030,
-43.0958

■ 188.8050,
-17.6519, 15.0800

■ 199.1600,
-22.7569, 19.1537

■ 209.8140,
-28.0093, 23.8421

Harmonies

Analogous

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



111.4270, 19.0165, -32.8235



116.3090, 18.0887, -15.1800



119.5780, 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.



116.3090, 18.0887, -15.1800



118.7280, -10.7119, 29.1795



111.6030, -4.7343, -21.5768

Complementary

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



116.3090, 18.0887, -15.1800



135.6910, -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.



114.5250, -13.0768, -5.7224



116.3090, 18.0887, -15.1800



117.6040, -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.



116.3090, 18.0887, -15.1800



119.9050, -2.4182, 29.0243



115.8860, -17.1988, 9.7470



108.8600, 5.4920, -34.9572

Rectangle

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



116.3090, 18.0887, -15.1800



120.3900, 8.6817, 15.4440



115.8860, -17.1988, 9.7470



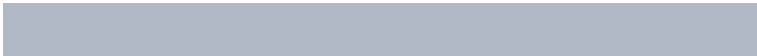
112.4250, -8.0975, -16.1587

Sweetspot

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



116.3090, 18.0887, -15.1800



184.2040, 7.2944, -6.3179



134.5740, -0.7760, -31.1984



90.7160, 4.0840, -3.2589



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



116.3090, 18.0887, -15.1800



142.1860, 28.0093, -23.8421



107.2490, 22.5552, -1.0954



71.6730, 2.6262, -2.3442



44.7230, 46.9716, -39.2221



3.8300, 4.5208, -3.3589

Inverse Universe

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



117.3120, 0.3392, 31.2984



143.5360, 0.7218, 48.6419



144.7510, -22.5552, 1.0954



71.7340, 0.1311, 4.6183



47.4460, 0.7661, 81.1699



4.3430, -0.1691, 7.5922

Previews

White Background



This preview shows how the YUV color 116.3090, 18.0887, -15.1800 looks on a white background.

Color Contrast Check

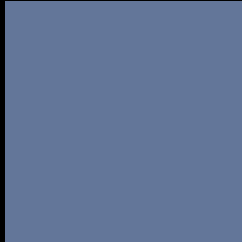
Large Text (above 18pt) WCAG AA ✓ Pass

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 116.3090, 18.0887, -15.1800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

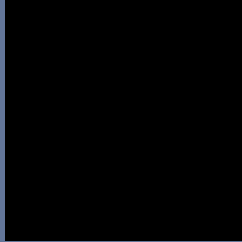
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

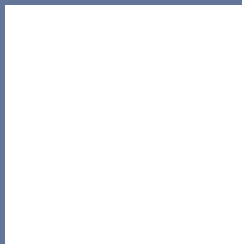
Any Text WCAG AAA × Fail

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

YUV 116.3090, 18.0887, -15.1800 Background



This preview shows how black text looks on a background with the YUV color 116.3090, 18.0887, -15.1800.



This preview shows how white text looks on a background with the YUV color 116.3090, 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

116.3090, 18.0887, -15.1800

Protanopia

117.5980, 16.4672, -8.4174

Deuteranopia

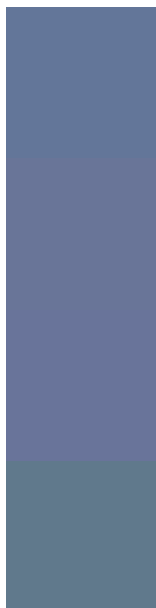
117.6520, 17.9196, -7.5878



Tritanopia

114.7680, 8.4954, -18.2135

Trichromacy



Original Color

116.3090, 18.0887, -15.1800

Protanomaly

117.4020, 17.0568, -10.8766

Deuteranomaly

117.0430, 18.2198, -10.5617

Tritanomaly

115.6910, 11.9843, -17.2690

Monochromacy



Original Color

116.3090, 18.0887, -15.1800

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

116.2750, 6.2734, -5.5032

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.3090, 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(99, 118, 153)` looks like.

```
.text, #text, p{  
    color:rgb(99, 118, 153)  
}
```

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(99, 118, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 118, 153) }
```

Border

The CSS property to change the border of an element to YUV 116.3090, 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(99, 118, 153) }
```


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

```
.border{ border-color:rgb(99, 118, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 118, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 118, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 118, 153);  
box-shadow:4px 4px 4px 4px rgb(99, 118,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 116.3090, 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(99, 118, 153) }
```

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

```
.background{ background-color: rgb(99, 118,  
153) }
```

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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