

Converting Colors

YUV(190.5760, 16.4780,
-11.9062)

Have a look what the booklet for
YUV(190.5760, 16.4780, -11.9062)
contains.

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Color

**YUV(190.5760, 16.4780,
-11.9062)**

Conversions

Conversions Part 1

Format	Color
Hex	B1BFE0
RGB	177, 191, 224
RGB Percent	69%, 75%, 88%
CMY	0.3059, 0.2510, 0.1216
CMYK	0.21, 0.15, 0.00, 0.12
HSL	222°, 43%, 79%
HSV	222°, 21%, 88%
XYZ	50.2168, 51.9905, 77.9095
YIQ	190.5760, -18.9370, 7.2950

Conversions

Conversions Part 2

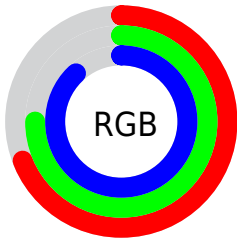
Format	Color
R _Y B	177, 188, 224
Decimal	11648992
CIE Lab	77.28, 2.16, -18.07
CIE LCh	77, 18.194, 276.823
Yxy	51.9905, 0.2788, 0.2886
Android (android.graphics.Color)	4289839072 (0xFFB1BFE0)
YUV	190.5760, 16.4780, -11.9062
Hunter-Lab	72.1045, -1.8673, -13.5902

Details

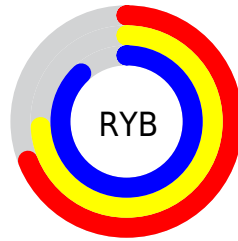
The YUV color $190.5760, 16.4780, -11.9062$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $210.4240, -16.4780, 11.9062$, and the grayscale version is $190.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $243.7260, 5.5581, -9.4067$, and $137.3480, 15.6044, -11.7062$ is the 20% darker color. If you saturate the color by 10%, you get $174.6060, 24.3512, -17.1945$, and if you desaturate by 10%, it is $206.5460, 8.6048, -6.6178$.

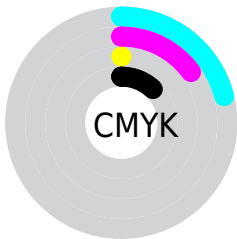
Distribution



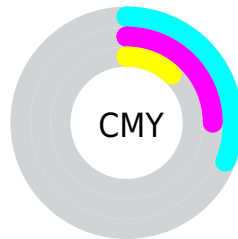
- Red (69%)
- Green (75%)
- Blue (88%)



- Red (69%)
- Yellow (74%)
- Blue (88%)



- Cyan (21%)
- Magenta (15%)
- Yellow (0%)
- Black (12%)



- Cyan (31%)
- Magenta (25%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 190.5760, 16.4780, -11.9062 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 190.5760, 16.4780, -11.9062 by changing the saturation by 10% instead.

■ 190.5760, 16.4780,
-11.9062

■ 190.5760, 16.4780,
-11.9062

255.0000, 0.0000,
0.0000

■ 163.4620, 16.0412,
-11.8062

■ 243.7260, 5.5581,
-9.4067

■ 137.3480, 15.6044,
-11.7062

■ 111.2340, 15.1676,
-11.6062

■ 87.1200, 14.7308,
-11.5062

■ 63.5930, 14.0047,
-11.9211

■ 40.7670, 13.4259,
-12.9507

■ 19.0550, 13.2839,

-14.0802

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,
0.0000

■ 190.5760, 16.4780,
-11.9062

■ 190.5760, 16.4780,
-11.9062

■ 174.6060, 24.3512,
-17.1945

■ 206.5460, 8.6048,
-6.6178

■ 158.9240, 32.0825,
-23.6123

■ 222.2280, 0.8736,
-0.2000

■ 142.9540, 39.9557,
-28.9007

■ 238.1980, -6.9996,
5.0884

■ 126.6850, 47.9763,
-34.8037

■ 250.8790,
-13.2513, 3.6141

■ 110.7150, 55.8495,
-40.0921

■ 251.4660,
-13.5407, 3.0993

■ 95.3320, 63.4333,
-45.8952

■ 79.0630, 71.4539,
-51.7983

■ 64.8650, 78.4536,
-56.8866

Harmonies

Analogous

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



187.1890, 16.6688, -26.4758



190.5760, 16.4780, -11.9062



192.9480, 12.3506, 5.3076

Triad

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



190.5760, 16.4780, -11.9062



193.0160, -10.8539, 28.0500



185.7280, -4.3029, -19.9325

Complementary

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



190.5760, 16.4780, -11.9062



210.4240, -16.4780, 11.9062

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.



187.8670, -11.7664, -6.0224



190.5760, 16.4780, -11.9062



191.4190, -15.4896, 21.5575

Square

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



190.5760, 16.4780, -11.9062



193.9650, -3.4337, 28.0947



189.8150, -16.1778, 8.9322



184.6540, 4.6076, -31.2686

Rectangle

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



190.5760, 16.4780, -11.9062



193.8630, 7.9555, 15.0291



189.8150, -16.1778, 8.9322



186.6530, -7.2239, -16.3587

Sweetspot

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



190.5760, 16.4780, -11.9062



244.0580, 5.3944, -3.5589



208.3510, 0.8130, -27.4948



121.2000, 3.3524, -1.9294



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



190.5760, 16.4780, -11.9062



209.4490, 22.4566, -16.1798



185.0490, 19.2028, 0.8340



104.0150, 3.9366, -2.6442



50.5880, 61.8281, -44.3657



13.6900, 16.9148, -12.0061

Inverse Universe

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



192.6490, -0.8130, 27.4948



212.3020, -1.1349, 37.4461



215.9510, -19.2028, -0.8340



104.6310, -0.3111, 6.4626



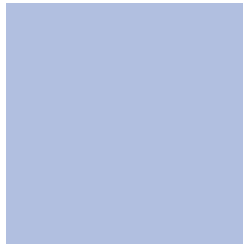
58.5520, -3.2301, 103.0019



15.9480, -0.9604, 28.1096

Previews

White Background



This preview shows how the YUV color 190.5760, 16.4780, -11.9062 looks on a white background.

Color Contrast Check

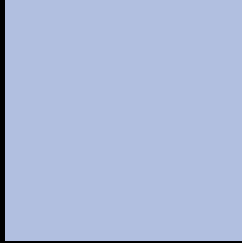
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 190.5760, 16.4780, -11.9062 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

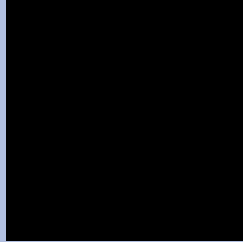
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 190.5760, 16.4780, -11.9062 Background



This preview shows how black text looks on a background with the YUV color 190.5760, 16.4780, -11.9062.



This preview shows how white text looks on a background with the YUV color 190.5760, 16.4780, -11.9062.

-11.9062.

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

190.5760, 16.4780, -11.9062

Protanopia

191.3810, 15.5882, -6.4731

Deuteranopia

192.2400, 16.1507, -0.2105



Tritanopia

189.7300, 9.5001, -13.7952

Trichromacy



Original Color

190.5760, 16.4780, -11.9062

Protanomaly

191.0710, 15.7410, -8.8323

Deuteranomaly

191.9190, 16.3089, -4.3140

Tritanomaly

190.0120, 11.8261, -13.1655

Monochromacy



Original Color

190.5760, 16.4780, -11.9062

Achromatopsia

191.0000, 0.0000, 0.0000

Achromatomaly

190.8730, 5.9786, -4.2736

CSS Examples

Text

The CSS property to change the color of the text to YUV 190.5760, 16.4780, -11.9062 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(177, 191, 224)` looks like.

```
.text, #text, p{  
    color:rgb(177, 191, 224)  
}
```

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(177, 191, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 191, 224) }
```

Border

The CSS property to change the border of an element to YUV 190.5760, 16.4780, -11.9062 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

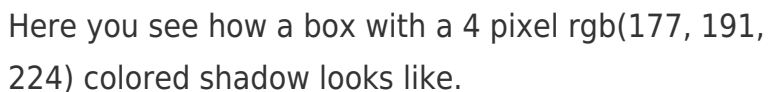
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 191, 224) }
```


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

```
.border{ border-color:rgb(177, 191, 224) }
```

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



Here you see how a box with a 4 pixel `rgb(177, 191, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 191, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 191, 224);  
box-shadow:4px 4px 4px 4px rgb(177, 191,  
224) }
```

Background

The CSS property to change the background color of an element to YUV 190.5760, 16.4780, -11.9062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 191, 224) }
```

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

```
.background{ background-color: rgb(177,  
191, 224) }
```

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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