

Converting Colors

YUV(199.1790, 15.1948,
-20.3280)

Have a look what the booklet for
YUV(199.1790, 15.1948, -20.3280)
contains.

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Color

**YUV(199.1790, 15.1948,
-20.3280)**

Conversions

Conversions Part 1

Format	Color
Hex	B0CDE6
RGB	176, 205, 230
RGB Percent	69%, 80%, 90%
CMY	0.3098, 0.1961, 0.0980
CMYK	0.23, 0.11, 0.00, 0.10
HSL	208°, 52%, 80%
HSV	208°, 23%, 90%
XYZ	54.0187, 58.6059, 83.3279
YIQ	199.1790, -25.3090, 1.6270

Conversions

Conversions Part 2

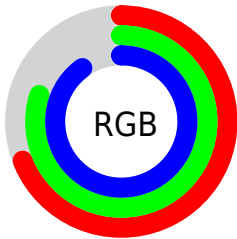
Format	Color
RYB	176, 195, 230
Decimal	11587046
CIELab	81.07, -4.26, -15.57
CIELCh	81, 16.142, 254.695
Yxy	58.6059, 0.2757, 0.2991
Android (android.graphics.Color)	4289777126 (0xFFB0CDE6)
YUV	199.1790, 15.1948, -20.3280
Hunter-Lab	76.5545, -8.0164, -10.9477

Details

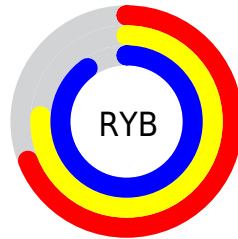
The YUV color $199.1790, 15.1948, -20.3280$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $206.8210, -15.1948, 20.3280$, and the grayscale version is $199.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $248.1230, 3.3904, -14.1399$, and $144.9510, 14.3212, -20.1280$ is the 20% darker color. If you saturate the color by 10%, you get $185.8450, 21.7684, -28.8051$, and if you desaturate by 10%, it is $212.5130, 8.6211, -11.8509$.

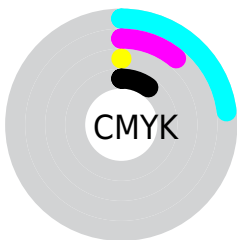
Distribution



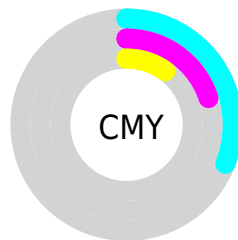
- Red (69%)
- Green (80%)
- Blue (90%)



- Red (69%)
- Yellow (76%)
- Blue (90%)



- Cyan (23%)
- Magenta (11%)
- Yellow (0%)
- Black (10%)



- Cyan (31%)
- Magenta (20%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.1790, 15.1948, -20.3280 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 199.1790, 15.1948, -20.3280 by changing the saturation by 10% instead.

■ 199.1790, 15.1948,
-20.3280

■ 199.1790, 15.1948,
-20.3280

255.0000, 0.0000,
0.0000

■ 172.0650, 14.7580,
-20.2280

■ 248.1230, 3.3904,
-14.1399

■ 144.9510, 14.3212,
-20.1280

■ 119.2500, 14.1738,
-19.5132

■ 94.1360, 13.7370,
-19.4133

■ 70.0220, 13.3002,
-19.3133

■ 46.8970, 12.8688,
-20.9577

■ 24.5980, 13.0162,

-21.5724

■ 8.7030, 10.4994,
-7.6325

■ 0.0000, 0.0000,
0.0000

■ 199.1790, 15.1948,
-20.3280

■ 199.1790, 15.1948,
-20.3280

■ 185.8450, 21.7684,
-28.8051

■ 212.5130, 8.6211,
-11.8509

■ 173.0980, 28.0527,
-37.7969

■ 225.2600, 2.3368,
-2.8590

■ 159.7640, 34.6263,
-46.2740

■ 238.5940, -4.2368,
5.6181

■ 146.4300, 41.2000,
-54.7511

■ 248.0410, -8.8942,
6.1030

■ 133.6830, 47.4843,
-63.7430

■ 252.1500,
-10.9200, 2.4994

■ 120.3490, 54.0579,
-72.2201

■ 107.0150, 60.6316,
-80.6972

■ 99.0080, 64.5791,
-86.8300

Harmonies

Analogous

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



197.0270, 12.3117, -28.9647



199.1790, 15.1948, -20.3280



201.6260, 13.9884, -6.6880

Triad

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



199.1790, 15.1948, -20.3280



203.9000, -4.8807, 25.5207



198.2410, -8.9928, -8.9814

Complementary

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



199.1790, 15.1948, -20.3280



206.8210, -15.1948, 20.3280

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.



200.3630, -13.9830, 4.9436



199.1790, 15.1948, -20.3280



202.9940, -10.8430, 24.5613

Square

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



199.1790, 15.1948, -20.3280



204.5170, 2.7031, 19.7176



202.0270, -14.3103, 16.6393



196.9990, -1.9715, -21.0471

Rectangle

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



199.1790, 15.1948, -20.3280



203.2960, 11.1931, 3.2484



202.0270, -14.3103, 16.6393



198.9920, -11.3351, -4.3780

Sweetspot

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



199.1790, 15.1948, -20.3280



244.9220, 4.9685, -6.9476



210.4340, -5.1440, -30.1986



121.7760, 3.0684, -4.1886



0.0000, 0.0000, 0.0000



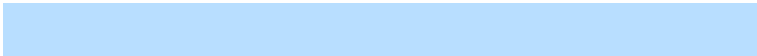
128.0000, 0.0000, 0.0000

Same Dimension

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



199.1790, 15.1948, -20.3280



214.4000, 20.0158, -26.6608



183.9170, 22.7189, -6.9432



107.8900, 3.5052, -4.2885



76.7580, 50.4053, -67.3168



21.6630, 14.4631, -18.9985

Inverse Universe

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



195.4520, 4.7072, 30.2986



209.5610, 6.1324, 39.8500



222.0830, -22.7189, 6.9432



107.2720, 0.8519, 6.7775



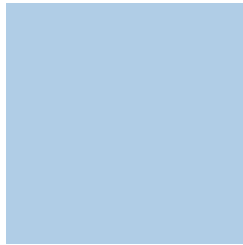
64.4650, 15.5468, 100.4472



18.3270, 4.2758, 28.6542

Previews

White Background



This preview shows how the YUV color 199.1790, 15.1948, -20.3280 looks on a white background.

Color Contrast Check

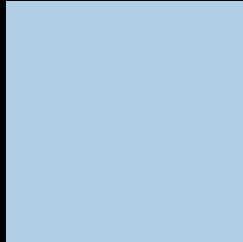
Large Text (above 18pt) WCAG AA × Fail

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 199.1790, 15.1948, -20.3280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

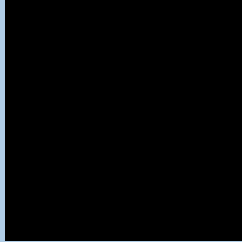
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

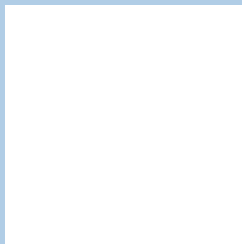
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 199.1790, 15.1948, -20.3280

Background



This preview shows how black text looks on a background with the YUV color 199.1790, 15.1948, -20.3280.



This preview shows how white text looks on a background with the YUV color 199.1790, 15.1948, -20.3280.

-20.3280.

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

199.1790, 15.1948, -20.3280

Protanopia

201.4800, 12.0884, -3.9290

Deuteranopia

203.0940, 14.2507, 2.5486



Tritanopia

198.6690, 11.9952, -20.7577

Trichromacy



Original Color

199.1790, 15.1948, -20.3280

Protanomaly

200.3760, 13.1256, -9.9768

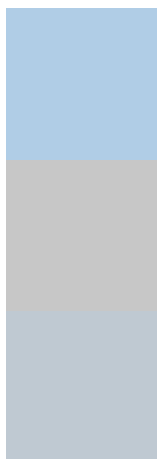
Deuteranomaly

201.4520, 14.5672, -5.6584

Tritanomaly

199.0110, 13.3056, -21.0576

Monochromacy



Original Color

199.1790, 15.1948, -20.3280

Achromatopsia

199.0000, 0.0000, 0.0000

Achromatomaly

199.0360, 5.4053, -7.0476

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.1790, 15.1948, -20.3280 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(176, 205, 230)` looks like.

```
.text, #text, p{  
    color:rgb(176, 205, 230)  
}
```

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(176, 205, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 205, 230) }
```

Border

The CSS property to change the border of an element to YUV 199.1790, 15.1948, -20.3280 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(176, 205, 230) }
```


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

```
.border{ border-color:rgb(176, 205, 230) }
```

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

Here you see how a box with a 4 pixel rgb(176, 205, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 205, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 205, 230);  
box-shadow:4px 4px 4px 4px rgb(176, 205,  
230) }
```

Background

The CSS property to change the background color of an element to YUV 199.1790, 15.1948, -20.3280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 205, 230) }
```

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

```
.background{ background-color: rgb(176,  
205, 230) }
```

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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