

Converting Colors

YUV(189.1580, 13.7261,
-15.9246)

Have a look what the booklet for
YUV(189.1580, 13.7261, -15.9246)
contains.

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Color

**YUV(189.1580, 13.7261,
-15.9246)**

Conversions

Conversions Part 1

Format	Color
Hex	ABC1D9
RGB	171, 193, 217
RGB Percent	67%, 76%, 85%
CMY	0.3294, 0.2431, 0.1490
CMYK	0.21, 0.11, 0.00, 0.15
HSL	211°, 38%, 76%
HSV	211°, 21%, 85%
XYZ	48.3889, 51.8076, 73.0951
YIQ	189.1580, -20.8160, 2.8000

Conversions

Conversions Part 2

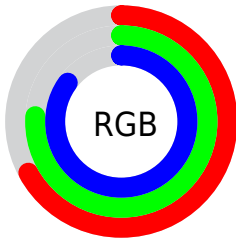
Format	Color
R_{YB}	171, 186, 217
Decimal	11256281
CIE _{Lab}	77.17, -2.33, -14.49
CIE _{LCh}	77, 14.677, 260.861
Yxy	51.8076, 0.2792, 0.2990
Android (android.graphics.Color)	4289446361 (0xFFABC1D9)
YUV	189.1580, 13.7261, -15.9246
Hunter-Lab	71.9775, -5.9589, -9.8264

Details

The YUV color **189.1580, 13.7261, -15.9246** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **198.8420, -13.7261, 15.9246**, and the grayscale version is **189.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **243.1060, 5.8637, -14.1250**, and **135.9300, 12.8525, -15.7246** is the 20% darker color. If you saturate the color by 10%, you get **176.1230, 20.1524, -23.7869**, and if you desaturate by 10%, it is **202.1930, 7.2999, -8.0623**.

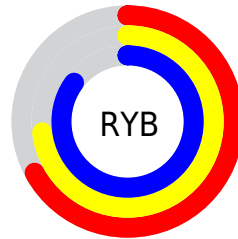
Distribution



Red (67%)

Green (76%)

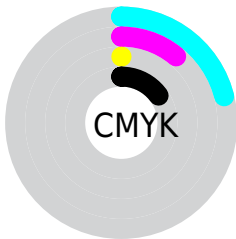
Blue (85%)



Red (67%)

Yellow (73%)

Blue (85%)

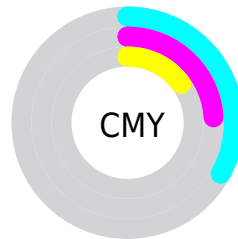


Cyan (21%)

Magenta (11%)

Yellow (0%)

Black (15%)



Cyan (33%)

Magenta (24%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.1580, 13.7261, -15.9246 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 189.1580, 13.7261, -15.9246 by changing the saturation by 10% instead.

■ 189.1580, 13.7261,
-15.9246

■ 189.1580, 13.7261,
-15.9246

255.0000, 0.0000,
0.0000

■ 162.0440, 13.2893,
-15.8246

■ 243.1060, 5.8637,
-14.1250

■ 135.9300, 12.8525,
-15.7246

■ 110.2290, 12.7051,
-15.1098

■ 85.7020, 11.9789,
-15.5247

■ 62.0010, 11.8315,
-14.9099

■ 39.2890, 11.6895,
-16.0395

■ 18.7620, 10.9633,

-16.4543

■ 2.8670, 8.4466,
-2.5144

■ 0.0000, 0.0000,
0.0000

■ 189.1580, 13.7261,
-15.9246

■ 189.1580, 13.7261,
-15.9246

■ 176.1230, 20.1524,
-23.7869

■ 202.1930, 7.2999,
-8.0623

■ 162.8000, 26.7206,
-30.5196

■ 215.5160, 0.7316,
-1.3295

■ 149.7650, 33.1469,
-38.3819

■ 228.5510, -5.6946,
6.5328

■ 136.7300, 39.5731,
-46.2442

■ 240.6890,
-11.6787, 12.5507

■ 123.4070, 46.1413,
-52.9769

■ 247.7330,
-15.1514, 6.3732

■ 110.3720, 52.5676,
-60.8392

■ 250.6680,
-16.5983, 3.7992

■ 97.3370, 58.9939,
-68.7015

■ 85.7860, 64.6885,
-75.2343

Harmonies

Analogous

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



187.2340, 11.7166, -24.7612



189.1580, 13.7261, -15.9246



191.1920, 12.2303, -2.7994

Triad

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



189.1580, 13.7261, -15.9246



193.2480, -6.0383, 23.4615



187.3980, -7.0982, -9.9960

Complementary

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



189.1580, 13.7261, -15.9246



198.8420, -13.7261, 15.9246

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.



189.2100, -11.9355, 1.5698



189.1580, 13.7261, -15.9246



191.9720, -10.8322, 21.0726

Square

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



189.1580, 13.7261, -15.9246



193.6480, 0.6665, 19.6027



190.6460, -13.1365, 13.4655



185.8680, 0.0651, -20.9322

Rectangle

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



189.1580, 13.7261, -15.9246



192.7370, 9.0037, 5.4927



190.6460, -13.1365, 13.4655



187.9640, -8.8563, -6.1074

Sweetspot

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



189.1580, 13.7261, -15.9246



245.8190, 4.5262, -5.1033



200.7380, -2.8288, -26.0802



122.3740, 2.7736, -2.9590



0.0000, 0.0000, 0.0000



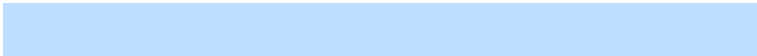
128.0000, 0.0000, 0.0000

Same Dimension

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



189.1580, 13.7261, -15.9246



216.4930, 18.9840, -22.3574



176.5430, 19.9453, -3.9842



103.1890, 3.3578, -3.6738



68.4430, 51.5466, -60.0245



18.1580, 13.7261, -15.9246

Inverse Universe

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



187.2620, 2.8288, 26.0802



213.6700, 4.1067, 36.2464



211.4570, -19.9453, 3.9842



102.8590, 0.5625, 6.2627



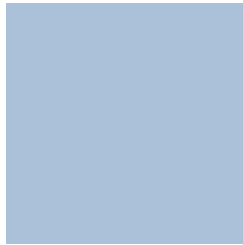
61.1890, 10.7528, 98.0582



16.2620, 2.8288, 26.0802

Previews

White Background



This preview shows how the YUV color 189.1580, 13.7261, -15.9246 looks on a white background.

Color Contrast Check

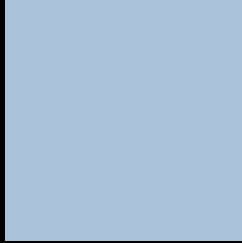
Large Text (above 18pt) WCAG AA × Fail

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 189.1580, 13.7261, -15.9246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

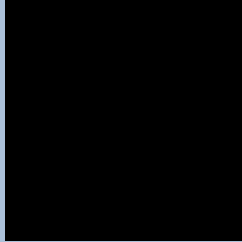
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

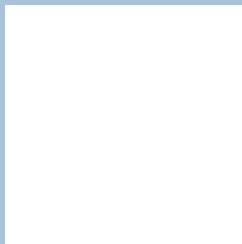
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 189.1580, 13.7261, -15.9246

Background



This preview shows how black text looks on a background with the YUV color 189.1580, 13.7261, -15.9246.



This preview shows how white text looks on a background with the YUV color 189.1580, 13.7261, -15.9246.

-15.9246.

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

189.1580, 13.7261, -15.9246

Protanopia

190.9530, 11.3622, -4.3438

Deuteranopia

191.8660, 13.3771, 2.7485



Tritanopia

188.6480, 10.5265, -16.3543

Trichromacy



Original Color

189.1580, 13.7261, -15.9246

Protanomaly

190.1590, 12.2466, -8.0324

Deuteranomaly

190.8220, 13.3988, -4.2289

Tritanomaly

188.9900, 11.8369, -16.6542

Monochromacy



Original Color

189.1580, 13.7261, -15.9246

Achromatopsia

189.0000, 0.0000, 0.0000

Achromatomaly

188.6340, 5.1104, -5.8180

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.1580, 13.7261, -15.9246 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(171, 193, 217)` looks like.

```
.text, #text, p{  
    color:rgb(171, 193, 217)  
}
```

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(171, 193, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 193, 217) }
```

Border

The CSS property to change the border of an element to YUV 189.1580, 13.7261, -15.9246 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(171, 193, 217) }
```


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

```
.border{ border-color:rgb(171, 193, 217) }
```

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

Here you see how a box with a 4 pixel rgb(171, 193, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 193, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 193, 217);  
box-shadow:4px 4px 4px 4px rgb(171, 193,  
217) }
```

Background

The CSS property to change the background color of an element to YUV 189.1580, 13.7261, -15.9246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 193, 217) }
```

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

```
.background{ background-color: rgb(171,  
193, 217) }
```

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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