

Converting Colors

YUV(190.4160, 19.0219,
-34.5678)

Have a look what the booklet for
YUV(190.4160, 19.0219, -34.5678)
contains.

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Color

**YUV(190.4160, 19.0219,
-34.5678)**

Conversions

Conversions Part 1

Format	Color
Hex	97CBE5
RGB	151, 203, 229
RGB Percent	59%, 80%, 90%
CMY	0.4078, 0.2039, 0.1020
CMYK	0.34, 0.11, 0.00, 0.10
HSL	200°, 60%, 75%
HSV	200°, 34%, 90%
XYZ	48.2613, 54.9483, 82.1912
YIQ	190.4160, -39.3380, -2.9380

Conversions

Conversions Part 2

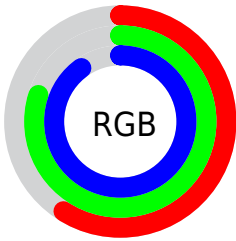
Format	Color
RYB	151, 182, 229
Decimal	9948133
CIELab	79.01, -10.64, -18.29
CIELCh	79, 21.160, 239.815
Yxy	54.9483, 0.2603, 0.2964
Android (android.graphics.Color)	4288138213 (0xFF97CBE5)
YUV	190.4160, 19.0219, -34.5678
Hunter-Lab	74.1271, -13.5081, -13.8510

Details

The YUV color **190.4160, 19.0219, -34.5678** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **189.5840, -19.0219, 34.5678**, and the grayscale version is **190.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.6480, 7.0755, -29.5093**, and **136.3020, 18.5851, -34.4679** is the 20% darker color. If you saturate the color by 10%, you get **178.8430, 24.7274, -44.5893**, and if you desaturate by 10%, it is **201.9890, 13.3164, -24.5464**.

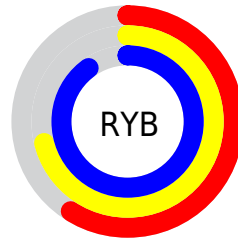
Distribution



Red (59%)

Green (80%)

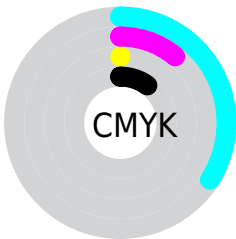
Blue (90%)



Red (59%)

Yellow (71%)

Blue (90%)

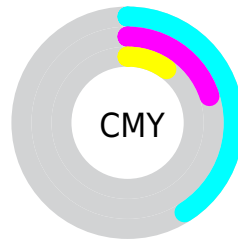


Cyan (34%)

Magenta (11%)

Yellow (0%)

Black (10%)



Cyan (41%)

Magenta (20%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 190.4160, 19.0219, -34.5678 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 190.4160, 19.0219, -34.5678 by changing the saturation by 10% instead.

■ 190.4160, 19.0219,
-34.5678

■ 190.4160, 19.0219,
-34.5678

■ 255.0000, 0.0000,
0.0000

■ 163.3020, 18.5851,
-34.4679

■ 240.6480, 7.0755,
-29.5093

■ 136.3020, 18.5851,
-34.4679

■ 249.3190, 2.8007,
-11.6808

■ 109.8890, 18.2957,
-34.9827

■ 84.1770, 18.1537,
-36.1122

■ 56.7740, 19.3384,
-42.7748

■ 38.7320, 16.4011,
-33.9680

■ 23.8970, 12.8688,

-20.9577

■ 4.4800, 12.0884,
-3.9290

■ 0.0000, 0.0000,
0.0000

■ 190.4160, 19.0219,
-34.5678

■ 190.4160, 19.0219,
-34.5678

■ 178.8430, 24.7274,
-44.5893

■ 201.9890, 13.3164,
-24.5464

■ 167.8570, 30.1435,
-55.1256

■ 212.9750, 7.9003,
-14.0101

■ 156.2840, 35.8490,
-65.1471

■ 224.5480, 2.1948,
-3.9886

■ 144.7110, 41.5545,
-75.1685

■ 236.1210, -3.5107,
6.0329

■ 134.0240, 46.8232,
-85.0900

■ 243.8180, -7.3053,
9.8066

■ 122.4510, 52.5287,
-95.1115

■ 248.5140, -9.6204,
5.6882

■ 115.9170, 55.7499,
-101.6592

■ 252.0360,
-11.3567, 2.5994

Harmonies

Analogous

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



187.7760, 12.9284, -40.1456



190.4160, 19.0219, -34.5678



194.1560, 20.1361, -18.5538

Triad

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



190.4160, 19.0219, -34.5678



199.1440, -1.5500, 30.5687



192.2650, -15.4136, -2.8634

Complementary

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



190.4160, 19.0219, -34.5678



189.5840, -19.0219, 34.5678

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.



194.7510, -19.1042, 14.2504



190.4160, 19.0219, -34.5678



198.1630, -10.4334, 33.1830

Square

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



190.4160, 19.0219, -34.5678



199.2980, 8.2341, 19.0327



196.9960, -17.2530, 27.1905



190.2180, -7.5025, -20.3622

Rectangle

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



190.4160, 19.0219, -34.5678



196.5490, 17.4773, -5.7435



196.9960, -17.2530, 27.1905



193.1410, -17.3245, 3.3843

Sweetspot

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



190.4160, 19.0219, -34.5678



242.8290, 6.0003, -11.2510



199.7500, -11.2157, -42.7537



119.6940, 4.0949, -6.7476



0.0000, 0.0000, 0.0000



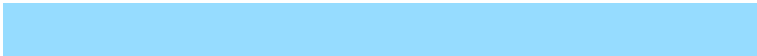
128.0000, 0.0000, 0.0000

Same Dimension

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



190.4160, 19.0219, -34.5678



203.0600, 25.6064, -46.5336



167.5230, 30.3082, -14.4907



109.0640, 2.9264, -5.3181



90.2590, 43.7493, -79.1571



25.7720, 12.4374, -22.6020

Inverse Universe

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



180.2500, 11.2157, 42.7537



189.3750, 15.0981, 57.5531



212.4770, -30.3082, 14.4907



107.5000, 1.7255, 6.5775



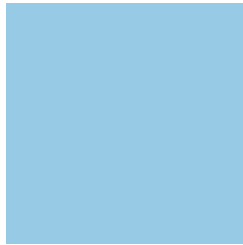
67.0870, 25.5931, 98.1477



19.1250, 7.3334, 27.9544

Previews

White Background



This preview shows how the YUV color 190.4160, 19.0219, -34.5678 looks on a white background.

Color Contrast Check

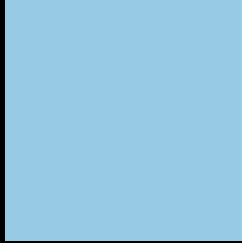
Large Text (above 18pt) WCAG AA × Fail

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 190.4160, 19.0219, -34.5678 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 190.4160, 19.0219, -34.5678

Background



This preview shows how black text looks on a background with the YUV color 190.4160, 19.0219, -34.5678.



This preview shows how white text looks on a background with the YUV color 190.4160, 19.0219, -34.5678.

-34.5678.

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

190.4160, 19.0219, -34.5678

Protanopia

195.5230, 13.5462, -4.8437

Deuteranopia

197.1690, 17.1717, -1.0252



Tritanopia

189.4930, 15.5330, -35.5124

Trichromacy



Original Color

190.4160, 19.0219, -34.5678

Protanomaly

193.9130, 15.3259, -15.7097

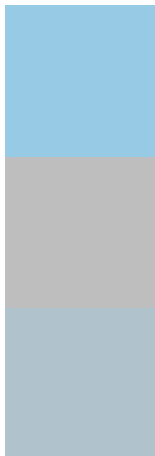
Deuteranomaly

194.6190, 17.9358, -12.8209

Tritanomaly

190.1340, 16.6959, -35.1975

Monochromacy



Original Color

190.4160, 19.0219, -34.5678

Achromatopsia

190.0000, 0.0000, 0.0000

Achromatomaly

190.3450, 6.7319, -12.5806

CSS Examples

Text

The CSS property to change the color of the text to YUV 190.4160, 19.0219, -34.5678 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(151, 203, 229)` looks like.

```
.text, #text, p{  
    color:rgb(151, 203, 229)  
}
```

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(151, 203, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 203, 229) }
```

Border

The CSS property to change the border of an element to YUV 190.4160, 19.0219, -34.5678 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(151, 203, 229) }
```


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

```
.border{ border-color:rgb(151, 203, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 203, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 203, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 203, 229);  
box-shadow:4px 4px 4px 4px rgb(151, 203,  
229) }
```

Background

The CSS property to change the background color of an element to YUV 190.4160, 19.0219, -34.5678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 203, 229) }
```

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

```
.background{ background-color: rgb(151,  
203, 229) }
```

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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