

Converting Colors

YUV(194.0480, 17.2313,
-20.2131)

Have a look what the booklet for
YUV(194.0480, 17.2313, -20.2131)
contains.

YUV(194.0480, 17.2313, -20.2131)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(194.0480, 17.2313,
-20.2131)**

Conversions

Conversions Part 1

Format	Color
Hex	ABC7E5
RGB	171, 199, 229
RGB Percent	67%, 78%, 90%
CMY	0.3294, 0.2196, 0.1020
CMYK	0.25, 0.13, 0.00, 0.10
HSL	211°, 53%, 78%
HSV	211°, 25%, 90%
XYZ	51.3609, 55.1619, 82.0690
YIQ	194.0480, -26.3180, 3.3940

Conversions

Conversions Part 2

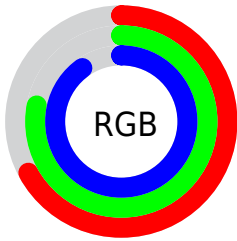
Format	Color
R _Y B	171, 190, 229
Decimal	11257829
CIE Lab	79.13, -2.81, -17.99
CIE LCh	79, 18.206, 261.135
Yxy	55.1619, 0.2723, 0.2925
Android (android.graphics.Color)	4289447909 (0xFFABC7E5)
YUV	194.0480, 17.2313, -20.2131
Hunter-Lab	74.2711, -6.5358, -13.5253

Details

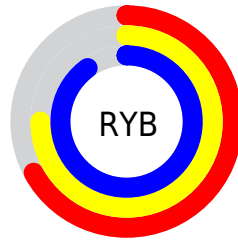
The YUV color **194.0480, 17.2313, -20.2131** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **205.9520, -17.2313, 20.2131**, and the grayscale version is **194.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **246.6280, 4.1274, -17.2138**, and **140.1190, 16.2103, -19.3984** is the 20% darker color. If you saturate the color by 10%, you get **180.1270, 24.0944, -28.1754**, and if you desaturate by 10%, it is **207.9690, 10.3683, -12.2508**.

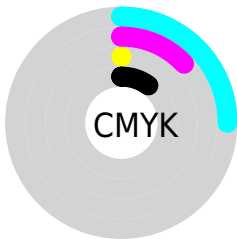
Distribution



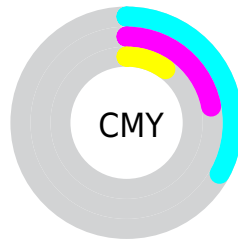
- Red (67%)
- Green (78%)
- Blue (90%)



- Red (67%)
- Yellow (75%)
- Blue (90%)



- Cyan (25%)
- Magenta (13%)
- Yellow (0%)
- Black (10%)



- Cyan (33%)
- Magenta (22%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 194.0480, 17.2313, -20.2131 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 194.0480, 17.2313, -20.2131 by changing the saturation by 10% instead.

■ 194.0480, 17.2313,
-20.2131

■ 194.0480, 17.2313,
-20.2131

255.0000, 0.0000,
0.0000

■ 166.9340, 16.7945,
-20.1131

■ 246.6280, 4.1274,
-17.2138

■ 140.1190, 16.2103,
-19.3984

■ 114.7060, 15.9209,
-19.9132

■ 89.5920, 15.4841,
-19.8132

■ 65.1790, 15.1948,
-20.3280

■ 41.7550, 14.9108,
-22.5871

■ 22.1360, 13.7370,

-19.4133

■ 4.4800, 12.0884,
-3.9290

■ 0.0000, 0.0000,
0.0000

■ 194.0480, 17.2313,
-20.2131

■ 194.0480, 17.2313,
-20.2131

■ 180.1270, 24.0944,
-28.1754

■ 207.9690, 10.3683,
-12.2508

■ 166.2060, 30.9574,
-36.1377

■ 221.8900, 3.5052,
-4.2885

■ 152.2850, 37.8205,
-44.0999

■ 235.8110, -3.3578,
3.6738

■ 138.9510, 44.3942,
-52.5770

■ 246.7530, -8.7522,
7.2326

■ 125.0300, 51.2572,
-60.5393

■ 252.0360,
-11.3567, 2.5994

■ 111.4080, 57.9729,
-67.8868

■ 97.4870, 64.8359,
-75.8491

■ 91.2630, 67.9043,
-80.0377

Harmonies

Analogous

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



190.8140, 15.3747, -31.4089



194.0480, 17.2313, -20.2131



196.8760, 14.8511, -3.3993

Triad

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



194.0480, 17.2313, -20.2131



198.9390, -7.3649, 28.9945



191.9200, -8.8346, -13.0848

Complementary

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



194.0480, 17.2313, -20.2131



205.9520, -17.2313, 20.2131

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.



194.1130, -14.8457, 1.6549



194.0480, 17.2313, -20.2131



197.6090, -13.6112, 25.7759

Square

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



194.0480, 17.2313, -20.2131



199.4960, 1.2345, 24.1210



195.8590, -16.1995, 15.9097



190.4220, -0.2080, -26.6801

Rectangle

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



194.0480, 17.2313, -20.2131



198.7310, 11.4716, 7.2519



195.8590, -16.1995, 15.9097



192.6710, -11.1768, -8.4815

Sweetspot

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



194.0480, 17.2313, -20.2131



242.5630, 6.1314, -6.6328



208.4660, -3.6807, -32.8577



120.0040, 3.9420, -4.3885



0.0000, 0.0000, 0.0000



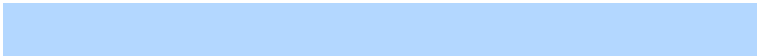
128.0000, 0.0000, 0.0000

Same Dimension

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



194.0480, 17.2313, -20.2131



208.7960, 22.7786, -26.1311



177.9110, 25.1869, -5.1839



107.8900, 3.5052, -4.2885



70.8880, 53.2992, -62.1688



20.4890, 15.0419, -17.9689

Inverse Universe

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



191.5340, 3.6807, 32.8577



205.8280, 4.5218, 43.1238



222.0890, -25.1869, 5.1839



107.2720, 0.8519, 6.7775



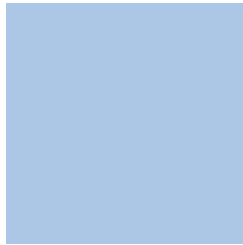
63.3250, 11.1788, 101.4470



18.0990, 3.4022, 28.8542

Previews

White Background



This preview shows how the YUV color 194.0480, 17.2313, -20.2131 looks on a white background.

Color Contrast Check

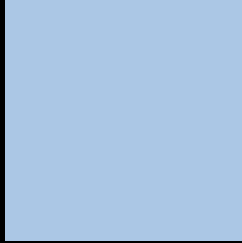
Large Text (above 18pt) WCAG AA × Fail

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 194.0480, 17.2313, -20.2131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

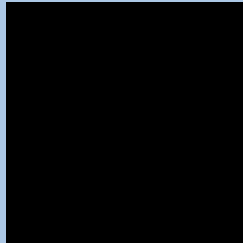
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

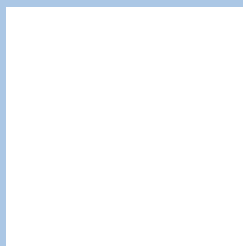
Any Text WCAG AAA ✓ Pass

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

YUV 194.0480, 17.2313, -20.2131 Background



This preview shows how black text looks on a background with the YUV color 194.0480, 17.2313, -20.2131.



This preview shows how white text looks on a background with the YUV color 194.0480, 17.2313, -20.2131.

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

194.0480, 17.2313, -20.2131

Protanopia

196.4520, 14.5672, -5.6584

Deuteranopia

197.6530, 16.4401, 0.3043



Tritanopia

193.2560, 11.7058, -21.2725

Trichromacy



Original Color

194.0480, 17.2313, -20.2131

Protanomaly

195.6470, 15.4570, -11.0914

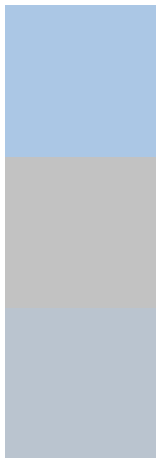
Deuteranomaly

196.3100, 16.6092, -7.2879

Tritanomaly

193.4240, 13.5950, -20.5428

Monochromacy



Original Color

194.0480, 17.2313, -20.2131

Achromatopsia

194.0000, 0.0000, 0.0000

Achromatomaly

194.2640, 6.2788, -7.2475

CSS Examples

Text

The CSS property to change the color of the text to YUV 194.0480, 17.2313, -20.2131 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, 199, 229)` looks like.

```
.text, #text, p{  
    color:rgb(171, 199, 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(171, 199, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 199, 229) }
```

Border

The CSS property to change the border of an element to YUV 194.0480, 17.2313, -20.2131 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, 199, 229) }
```


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

```
.border{ border-color:rgb(171, 199, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 199, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 199, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 199, 229);  
box-shadow:4px 4px 4px 4px rgb(171, 199,  
229) }
```

Background

The CSS property to change the background color of an element to YUV 194.0480, 17.2313, -20.2131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 199, 229) }
```

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

```
.background{ background-color: rgb(171,  
199, 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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