

Converting Colors

YUV(184.8680, 20.2781,
-17.4242)

Have a look what the booklet for
YUV(184.8680, 20.2781, -17.4242)
contains.

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Color

**YUV(184.8680, 20.2781,
-17.4242)**

Conversions

Conversions Part 1

Format	Color
Hex	A5BBE2
RGB	165, 187, 226
RGB Percent	65%, 73%, 89%
CMY	0.3529, 0.2667, 0.1137
CMYK	0.27, 0.17, 0.00, 0.11
HSL	218°, 51%, 77%
HSV	218°, 27%, 89%
XYZ	47.0148, 49.0310, 78.9375
YIQ	184.8680, -25.6310, 7.4650

Conversions

Conversions Part 2

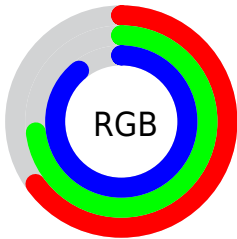
Format	Color
R_{YB}	165, 181, 226
Decimal	10861538
CIE Lab	75.47, 1.16, -21.96
CIE LCh	75, 21.991, 273.022
Yxy	49.0310, 0.2687, 0.2802
Android (android.graphics.Color)	4289051618 (0xFFA5BBE2)
YUV	184.8680, 20.2781, -17.4242
Hunter-Lab	70.0221, -2.6887, -17.8234

Details

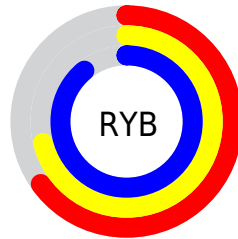
The YUV color **184.8680, 20.2781, -17.4242** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **206.1320, -20.2781, 17.4242**, and the grayscale version is **185.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.7900, 8.4845, -14.7248**, and **131.6400, 19.4045, -17.2243** is the 20% darker color. If you saturate the color by 10%, you get **169.7730, 27.7199, -24.3569**, and if you desaturate by 10%, it is **199.9630, 12.8362, -10.4916**.

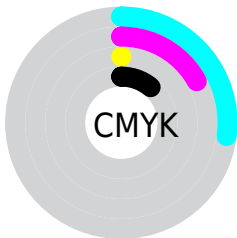
Distribution



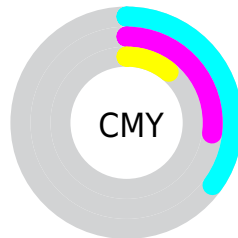
- Red (65%)
- Green (73%)
- Blue (89%)



- Red (65%)
- Yellow (71%)
- Blue (89%)



- Cyan (27%)
- Magenta (17%)
- Yellow (0%)
- Black (11%)



- Cyan (35%)
- Magenta (27%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 184.8680, 20.2781, -17.4242 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 184.8680, 20.2781, -17.4242 by changing the saturation by 10% instead.

■ 184.8680, 20.2781,
-17.4242

■ 184.8680, 20.2781,
-17.4242

255.0000, 0.0000,
0.0000

■ 157.7540, 19.8413,
-17.3243

■ 237.7900, 8.4845,
-14.7248

■ 131.6400, 19.4045,
-17.2243

■ 253.5050, 0.7370,
-3.0739

■ 106.1130, 18.6783,
-17.6391

■ 81.5860, 17.9521,
-18.0539

■ 57.7600, 17.3733,
-19.0835

■ 33.8520, 17.8210,
-22.6722

■ 16.5110, 15.0311,

-14.4801

■ 3.5510, 11.0674,
-3.1142

■ 0.0000, 0.0000,
0.0000

■ 184.8680, 20.2781,
-17.4242

■ 184.8680, 20.2781,
-17.4242

■ 169.7730, 27.7199,
-24.3569

■ 199.9630, 12.8362,
-10.4916

■ 154.3900, 35.3037,
-30.1600

■ 215.3460, 5.2524,
-4.6884

■ 139.2950, 42.7456,
-37.0927

■ 230.4410, -2.1894,
2.2442

■ 123.9120, 50.3294,
-42.8958

■ 245.8240, -9.7732,
8.0474

■ 108.8170, 57.7712,
-49.8285

■ 251.6940,
-12.6671, 2.8994

■ 93.1350, 65.5024,
-56.2464

■ 78.3390, 72.7969,
-62.5643

■ 73.8980, 74.9863,
-64.8085

Harmonies

Analogous

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



180.6440, 19.8955, -34.7678



184.8680, 20.2781, -17.4242



188.1480, 15.7030, 3.3782

Triad

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



184.8680, 20.2781, -17.4242



188.2340, -11.4544, 33.9978



180.1360, -6.4760, -22.9213

Complementary

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



184.8680, 20.2781, -17.4242



206.1320, -20.2781, 17.4242

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.



182.3680, -14.9714, -4.7077



184.8680, 20.2781, -17.4242



186.4690, -17.9792, 26.7757

Square

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



184.8680, 20.2781, -17.4242



189.6280, -2.2816, 31.8982



184.7400, -19.0988, 12.5060



178.2080, 4.3345, -37.0164

Rectangle

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



184.8680, 20.2781, -17.4242



189.5580, 10.5709, 16.1736



184.7400, -19.0988, 12.5060



180.9580, -9.8393, -17.5032

Sweetspot

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



184.8680, 20.2781, -17.4242



241.3890, 6.7102, -5.6032



205.2530, -0.6177, -35.3019



118.8300, 4.5208, -3.3589



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.



184.8680, 20.2781, -17.4242



199.9580, 27.1357, -23.6422



174.3460, 25.4654, -1.1804



104.6020, 3.6472, -3.1590



57.0450, 58.6448, -50.0285



15.4510, 16.0467, -13.5505

Inverse Universe

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



185.7470, 0.6177, 35.3019



200.9380, 1.0166, 47.4124



216.6540, -25.4654, 1.1804



104.7450, 0.1257, 6.3626



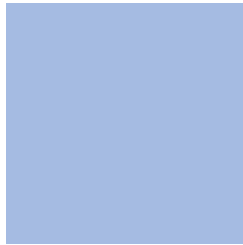
59.8060, 1.5746, 101.9021



16.2900, 0.3500, 27.8097

Previews

White Background



This preview shows how the YUV color 184.8680, 20.2781, -17.4242 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 184.8680, 20.2781, -17.4242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

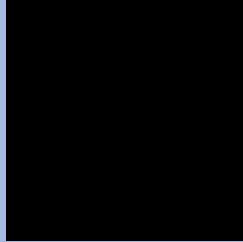
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

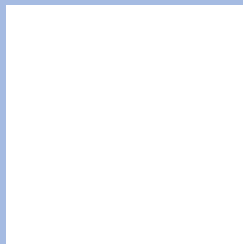
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 184.8680, 20.2781, -17.4242

Background



This preview shows how black text looks on a background with the YUV color 184.8680, 20.2781, -17.4242.



This preview shows how white text looks on a background with the YUV color 184.8680, 20.2781, -17.4242.

-17.4242.

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

184.8680, 20.2781, -17.4242

Protanopia

186.4670, 18.5038, -8.3026

Deuteranopia

187.4290, 19.5085, -3.8842



Tritanopia

183.7400, 10.9742, -19.9430

Trichromacy



Original Color

184.8680, 20.2781, -17.4242

Protanomaly

185.9720, 19.2408, -11.3764

Deuteranomaly

186.5100, 19.9616, -9.2173

Tritanomaly

184.2500, 14.1738, -19.5132

Monochromacy



Original Color

184.8680, 20.2781, -17.4242

Achromatopsia

185.0000, 0.0000, 0.0000

Achromatomaly

185.2040, 7.2944, -6.3179

CSS Examples

Text

The CSS property to change the color of the text to YUV 184.8680, 20.2781, -17.4242 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(165, 187, 226)` looks like.

```
.text, #text, p{  
    color:rgb(165, 187, 226)  
}
```

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(165, 187, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 187, 226) }
```

Border

The CSS property to change the border of an element to YUV 184.8680, 20.2781, -17.4242 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(165, 187, 226) }
```


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

```
.border{ border-color:rgb(165, 187, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 187, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 187, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 187, 226);  
box-shadow:4px 4px 4px 4px rgb(165, 187,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 184.8680, 20.2781, -17.4242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 187, 226) }
```

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

```
.background{ background-color: rgb(165,  
187, 226) }
```

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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