

Converting Colors

YUV(180.3030, 20.5566,
-13.4207)

Have a look what the booklet for
YUV(180.3030, 20.5566, -13.4207)
contains.

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Color

**YUV(180.3030, 20.5566,
-13.4207)**

Conversions

Conversions Part 1

Format	Color
Hex	A5B4DE
RGB	165, 180, 222
RGB Percent	65%, 71%, 87%
CMY	0.3529, 0.2941, 0.1294
CMYK	0.26, 0.19, 0.00, 0.13
HSL	224°, 46%, 76%
HSV	224°, 26%, 87%
XYZ	45.0231, 45.9158, 75.5969
YIQ	180.3030, -22.4220, 9.8820

Conversions

Conversions Part 2

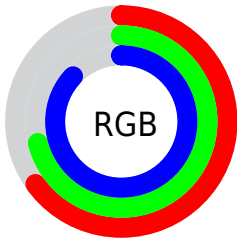
Format	Color
RYB	165, 177, 222
Decimal	10859742
CIELab	73.49, 4.03, -22.80
CIELCh	73, 23.156, 280.018
Yxy	45.9158, 0.2704, 0.2757
Android (android.graphics.Color)	4289049822 (0xFFA5B4DE)
YUV	180.3030, 20.5566, -13.4207
Hunter-Lab	67.7612, 0.0202, -18.7133

Details

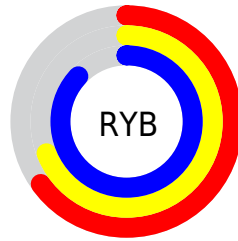
The YUV color **180.3030, 20.5566, -13.4207** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **206.6970, -20.5566, 13.4207**, and the grayscale version is **180.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **233.6810, 10.5103, -11.1212**, and **127.0750, 19.6830, -13.2208** is the 20% darker color. If you saturate the color by 10%, you get **164.3330, 28.4298, -18.7090**, and if you desaturate by 10%, it is **196.2730, 12.6834, -8.1324**.

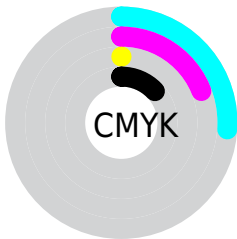
Distribution



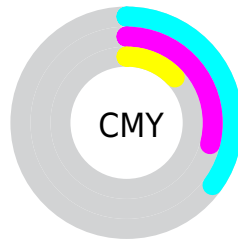
- Red (65%)
- Green (71%)
- Blue (87%)



- Red (65%)
- Yellow (69%)
- Blue (87%)



- Cyan (26%)
- Magenta (19%)
- Yellow (0%)
- Black (13%)



- Cyan (35%)
- Magenta (29%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.3030, 20.5566, -13.4207 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 180.3030, 20.5566, -13.4207 by changing the saturation by 10% instead.

■ 180.3030, 20.5566,
-13.4207

■ 180.3030, 20.5566,
-13.4207

■ 255.0000, 0.0000,
0.0000

■ 153.1890, 20.1198,
-13.3208

■ 233.6810, 10.5103,
-11.1212

■ 127.0750, 19.6830,
-13.2208

■ 253.5050, 0.7370,
-3.0739

■ 101.8470, 18.8094,
-13.0208

■ 77.4340, 18.5200,
-13.5356

■ 54.1950, 17.6519,
-15.0800

■ 31.3580, 17.0785,
-17.8540

■ 12.0600, 15.7464,

-10.5766

■ 3.2090, 9.7570,
-2.8143

■ 0.0000, 0.0000,
0.0000

■ 180.3030, 20.5566,
-13.4207

■ 180.3030, 20.5566,
-13.4207

■ 164.3330, 28.4298,
-18.7090

■ 196.2730, 12.6834,
-8.1324

■ 147.7760, 36.5924,
-23.4826

■ 212.8300, 4.5208,
-3.3589

■ 131.5070, 44.6130,
-29.3856

■ 229.0990, -3.4998,
2.5442

■ 115.5370, 52.4863,
-34.6739

■ 245.0690,
-11.3730, 7.8325

■ 98.9800, 60.6489,
-39.4475

■ 251.2380,
-14.4143, 3.2993

■ 83.0100, 68.5221,
-44.7358

■ 66.4530, 76.6847,
-49.5093

■ 59.3540, 80.1845,
-52.0535

Harmonies

Analogous

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



176.1110, 21.6373, -33.4233



180.3030, 20.5566, -13.4207



183.5400, 14.5238, 8.2964

Triad

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



180.3030, 20.5566, -13.4207



182.5500, -14.0752, 34.5976



173.3850, -4.1338, -27.5246

Complementary

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



180.3030, 20.5566, -13.4207



206.6970, -20.5566, 13.4207

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.



176.5630, -14.0816, -10.1408



180.3030, 20.5566, -13.4207



180.7030, -19.5736, 24.8165

Square

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



180.3030, 20.5566, -13.4207



183.6670, -4.7658, 35.3720



178.6040, -19.5248, 9.1173



171.6850, 7.5503, -41.8197

Rectangle

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



180.3030, 20.5566, -13.4207



184.4230, 8.6655, 20.6770



178.6040, -19.5248, 9.1173



174.2070, -7.4971, -22.1065

Sweetspot

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



180.3030, 20.5566, -13.4207



240.2150, 7.2890, -4.5736



203.2470, 1.8502, -33.5426



118.2430, 4.8102, -2.8441



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.



180.3030, 20.5566, -13.4207



197.3330, 28.4298, -18.7090



175.3850, 22.9812, 2.2934



104.0150, 3.9366, -2.6442



47.0660, 63.5645, -41.2769



13.1030, 17.2042, -11.4913

Inverse Universe

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



183.7530, -1.8502, 33.5426



202.0150, -2.4724, 46.4678



211.6150, -22.9812, -2.2934



104.6310, -0.3111, 6.4626



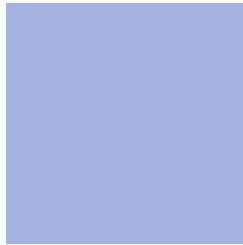
57.8680, -5.8509, 103.6018



15.8340, -1.3972, 28.2096

Previews

White Background



This preview shows how the YUV color 180.3030, 20.5566, -13.4207 looks on a white background.

Color Contrast Check

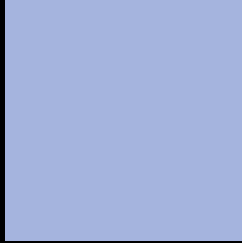
Large Text (above 18pt) WCAG AA × Fail

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 180.3030, 20.5566, -13.4207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

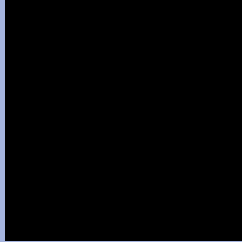
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 180.3030, 20.5566, -13.4207

Background



This preview shows how black text looks on a background with the YUV color 180.3030, 20.5566, -13.4207.



This preview shows how white text looks on a background with the YUV color 180.3030, 20.5566, -13.4207.

-13.4207.

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

180.3030, 20.5566, -13.4207

Protanopia

181.3960, 19.5248, -9.1173

Deuteranopia

181.9450, 20.2401, -5.2138



Tritanopia

178.5340, 10.0897, -16.2543

Trichromacy



Original Color

180.3030, 20.5566, -13.4207

Protanomaly

180.7980, 19.8196, -10.3468

Deuteranomaly

181.3360, 20.5404, -8.1877

Tritanomaly

179.4570, 13.5787, -15.3098

Monochromacy



Original Color

180.3030, 20.5566, -13.4207

Achromatopsia

180.0000, 0.0000, 0.0000

Achromatomaly

180.2150, 7.2890, -4.5736

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.3030, 20.5566, -13.4207 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, 180, 222)` looks like.

```
.text, #text, p{  
    color:rgb(165, 180, 222)  
}
```

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, 180, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 180, 222) }
```

Border

The CSS property to change the border of an element to YUV 180.3030, 20.5566, -13.4207 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, 180, 222) }
```


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

```
.border{ border-color:rgb(165, 180, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 180, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 180, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 180, 222);  
box-shadow:4px 4px 4px 4px rgb(165, 180,  
222) }
```

Background

The CSS property to change the background color of an element to YUV 180.3030, 20.5566, -13.4207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 180, 222) }
```

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

```
.background{ background-color: rgb(165,  
180, 222) }
```

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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