

Converting Colors

YUV(186.1910, 30.4718,
-20.3385)

Have a look what the booklet for
YUV(186.1910, 30.4718, -20.3385)
contains.

YUV(186.1910, 30.4718, -20.3385)	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(186.1910, 30.4718,
-20.3385)**

Conversions

Conversions Part 1

Format	Color
Hex	A3BAF8
RGB	163, 186, 248
RGB Percent	64%, 73%, 97%
CMY	0.3608, 0.2706, 0.0275
CMYK	0.34, 0.25, 0.00, 0.03
HSL	224°, 86%, 81%
HSV	224°, 34%, 97%
XYZ	49.6064, 49.6817, 95.7819
YIQ	186.1910, -33.6100, 14.4060

Conversions

Conversions Part 2

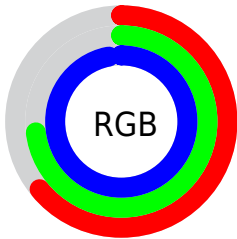
Format	Color
R _Y B	163, 181, 248
Decimal	10730232
CIE Lab	75.87, 6.56, -33.23
CIE LCh	76, 33.872, 281.166
Yxy	49.6817, 0.2543, 0.2547
Android (android.graphics.Color)	4288920312 (0xFFA3BAF8)
YUV	186.1910, 30.4718, -20.3385
Hunter-Lab	70.4852, 2.2765, -31.2292

Details

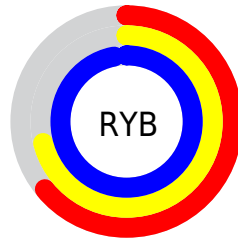
The YUV color **186.1910, 30.4718, -20.3385** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **224.8090, -30.4718, 20.3385**, and the grayscale version is **186.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.9040, 8.9213, -14.8248**, and **132.1370, 29.0195, -21.1681** is the 20% darker color. If you saturate the color by 10%, you get **168.1500, 39.3661, -26.4415**, and if you desaturate by 10%, it is **204.2320, 21.5776, -14.2355**.

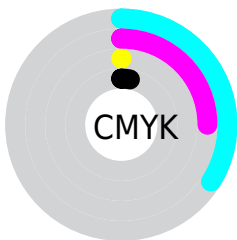
Distribution



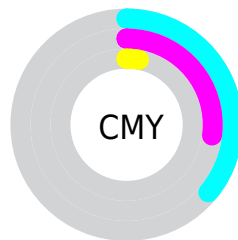
- Red (64%)
- Green (73%)
- Blue (97%)



- Red (64%)
- Yellow (71%)
- Blue (97%)



- Cyan (34%)
- Magenta (25%)
- Yellow (0%)
- Black (3%)



- Cyan (36%)
- Magenta (27%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 186.1910, 30.4718, -20.3385 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 186.1910, 30.4718, -20.3385 by changing the saturation by 10% instead.

■ 186.1910, 30.4718,
-20.3385

■ 186.1910, 30.4718,
-20.3385

255.0000, 0.0000,
0.0000

■ 158.6640, 29.7456,
-20.7533

■ 236.9040, 8.9213,
-14.8248

■ 132.1370, 29.0195,
-21.1681

■ 253.2060, 0.8844,
-3.6887

■ 106.6100, 28.2933,
-21.5830

■ 81.4850, 27.8619,
-23.2273

■ 56.0500, 27.5833,
-27.2308

■ 33.3980, 26.4258,
-29.2900

■ 18.3350, 22.0198,

-16.0798

■ 6.4350, 17.0405,
-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 186.1910, 30.4718,
-20.3385

■ 186.1910, 30.4718,
-20.3385

■ 168.1500, 39.3661,
-26.4415

■ 204.2320, 21.5776,
-14.2355

■ 150.1090, 48.2603,
-32.5446

■ 222.2730, 12.6834,
-8.1324

■ 132.3670, 57.0071,
-38.0329

■ 240.0150, 3.9366,
-2.6442

■ 114.3260, 65.9013,
-44.1359

■ 254.2020, -3.0576,
0.6998

■ 96.2850, 74.7955,
-50.2389

■ 77.6570, 83.9791,
-55.8272

■ 67.6010, 88.9367,
-59.2861

Harmonies

Analogous

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



177.6660, 33.1957, -54.0811



186.1910, 30.4718, -20.3385



190.9950, 21.2015, 13.1594

Triad

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



186.1910, 30.4718, -20.3385



189.2160, -20.8125, 48.9226



175.4600, -4.6638, -44.2534

Complementary

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



186.1910, 30.4718, -20.3385



224.8090, -30.4718, 20.3385

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.



179.9230, -20.1750, -15.7185



186.1910, 30.4718, -20.3385



186.6520, -28.9154, 34.5082

Square

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



186.1910, 30.4718, -20.3385



190.7830, -7.2880, 51.0563



184.0960, -29.1343, 11.3168



169.8280, 13.8888, -68.2552

Rectangle

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



186.1910, 30.4718, -20.3385



191.6400, 12.9955, 31.8877



184.0960, -29.1343, 11.3168



177.0330, -10.3693, -34.2319

Sweetspot

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



186.1910, 30.4718, -20.3385



236.3720, 9.1836, -5.5882



219.8490, 2.0464, -49.8566



116.1720, 5.8312, -3.6588



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.



186.1910, 30.4718, -20.3385



178.9930, 37.4715, -25.4269



178.0720, 34.4745, 2.5679



115.8300, 4.5208, -3.3589



51.4830, 67.7959, -45.1506



16.9330, 21.7250, -14.8502

Inverse Universe

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



191.0370, -2.4832, 49.9566



184.7010, -2.8106, 61.6522



232.9280, -34.4745, -2.5679



116.3430, -0.1691, 7.5922



62.3250, -5.5832, 111.0940



20.1770, -1.5663, 35.8018

Previews

White Background



This preview shows how the YUV color 186.1910, 30.4718, -20.3385 looks on a white background.

Color Contrast Check

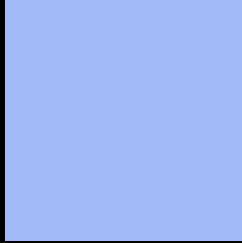
Large Text (above 18pt) WCAG AA × Fail

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 186.1910, 30.4718, -20.3385 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 186.1910, 30.4718, -20.3385 Background



This preview shows how black text looks on a background with the YUV color 186.1910, 30.4718, -20.3385.



This preview shows how white text looks on a background with the YUV color 186.1910, 30.4718, -20.3385.

-20.3385.

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

186.1910, 30.4718, -20.3385

Protanopia

186.6970, 29.7294, -15.5203

Deuteranopia

187.4090, 29.8714, -14.3907



Tritanopia

183.1630, 12.7376, -25.5760

Trichromacy



Original Color

186.1910, 30.4718, -20.3385

Protanomaly

186.6860, 29.7348, -17.2646

Deuteranomaly

187.0990, 30.0242, -16.7498

Tritanomaly

183.8950, 19.2788, -23.5869

Monochromacy



Original Color

186.1910, 30.4718, -20.3385

Achromatopsia

186.0000, 0.0000, 0.0000

Achromatomaly

186.2300, 11.2256, -7.2177

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.1910, 30.4718, -20.3385 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(163, 186, 248)` looks like.

```
.text, #text, p{  
    color:rgb(163, 186, 248)  
}
```

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(163, 186, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 186, 248) }
```

Border

The CSS property to change the border of an element to YUV 186.1910, 30.4718, -20.3385 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(163, 186, 248) }
```


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

```
.border{ border-color:rgb(163, 186, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 186, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 186, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 186, 248);  
box-shadow:4px 4px 4px 4px rgb(163, 186,  
248) }
```

Background

The CSS property to change the background color of an element to YUV 186.1910, 30.4718, -20.3385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 186, 248) }
```

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

```
.background{ background-color: rgb(163,  
186, 248) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor