

Converting Colors

YUV(180.3120, 36.8212,
-50.2626)

Have a look what the booklet for
YUV(180.3120, 36.8212, -50.2626)
contains.

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Color

**YUV(180.3120, 36.8212,
-50.2626)**

Conversions

Conversions Part 1

Format	Color
Hex	7BC3FF
RGB	123, 195, 255
RGB Percent	48%, 76%, 100%
CMY	0.5176, 0.2353, 0.0000
CMYK	0.52, 0.24, 0.00, 0.00
HSL	207°, 100%, 74%
HSV	207°, 52%, 100%
XYZ	45.7335, 50.4612, 101.9373
YIQ	180.3120, -62.1720, 3.3960

Conversions

Conversions Part 2

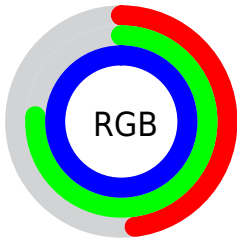
Format	Color
RYB	123, 170, 255
Decimal	8111103
CIELab	76.35, -6.26, -36.43
CIElCh	76, 36.961, 260.245
Yxy	50.4612, 0.2308, 0.2547
Android (android.graphics.Color)	4286301183 (0xFF7BC3FF)
YUV	180.3120, 36.8212, -50.2626
Hunter-Lab	71.0360, -9.3935, -35.3564

Details

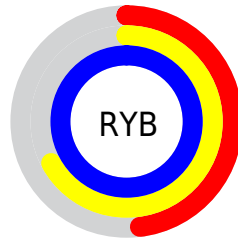
The YUV color **180.3120, 36.8212, -50.2626** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **197.6880, -36.8212, 50.2626**, and the grayscale version is **180.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.8250, 11.9183, -42.8195**, and **124.1650, 36.4007, -55.3957** is the 20% darker color. If you saturate the color by 10%, you get **165.7930, 43.9791, -59.4545**, and if you desaturate by 10%, it is **195.1300, 29.5159, -40.4560**.

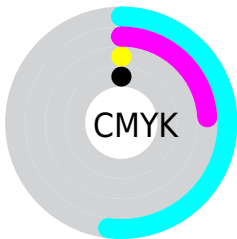
Distribution



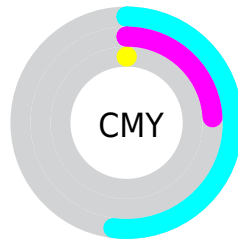
- Red (48%)
- Green (76%)
- Blue (100%)



- Red (48%)
- Yellow (67%)
- Blue (100%)



- Cyan (52%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (52%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.3120, 36.8212, -50.2626 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 180.3120, 36.8212, -50.2626 by changing the saturation by 10% instead.

■ 180.3120, 36.8212,
-50.2626

■ 180.3120, 36.8212,
-50.2626

255.0000, 0.0000,
0.0000

■ 152.1870, 36.3898,
-51.9070

■ 230.8250, 11.9183,
-42.8195

■ 124.1650, 36.4007,
-55.3957

■ 242.1430, 6.3385,
-26.4354

■ 92.0710, 38.9120,
-67.5913

■ 251.1130, 1.9163,
-7.9921

■ 70.4200, 36.2749,
-61.7583

■ 53.3680, 31.8636,
-46.8037

■ 37.6040, 27.3102,
-32.9787

■ 23.1280, 22.6149,

-20.2833

■ 7.5920, 18.9351,
-6.6582

■ 3.4370, 10.6306,
-3.0142

■ 180.3120, 36.8212,
-50.2626

■ 180.3120, 36.8212,
-50.2626

■ 165.7930, 43.9791,
-59.4545

■ 195.1300, 29.5159,
-40.4560

■ 151.5620, 50.9949,
-69.7759

■ 209.0620, 22.6474,
-30.7494

■ 137.0430, 58.1528,
-78.9677

■ 223.8800, 15.3422,
-20.9428

■ 122.8120, 65.1687,
-89.2891

■ 237.8120, 8.4737,
-11.2361

■ 110.6630, 71.1581,
-97.0515

■ 252.6300, 1.1684,
-1.4295

255.0000, 0.0000,
0.0000

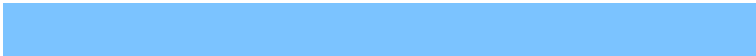
Harmonies

Analogous

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



168.9460, 35.0296, -82.3906



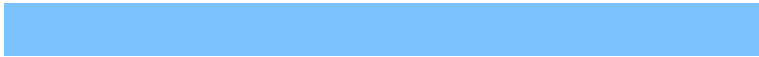
180.3120, 36.8212, -50.2626



189.6590, 30.7341, -11.1019

Triad

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



180.3120, 36.8212, -50.2626



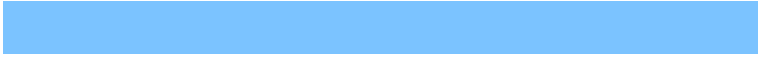
190.8500, -12.2510, 56.2596



179.5410, -17.5217, -26.7845

Complementary

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



180.3120, 36.8212, -50.2626



197.6880, -36.8212, 50.2626

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.



183.5250, -29.8388, 3.9246



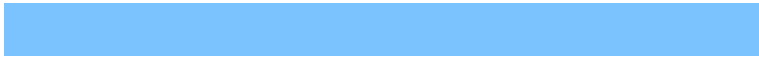
180.3120, 36.8212, -50.2626



189.5490, -25.9067, 49.5075

Square

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



180.3120, 36.8212, -50.2626



192.7470, 4.0687, 48.4569



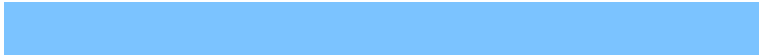
187.0060, -32.5410, 30.6897



172.9790, 1.4894, -57.8636

Rectangle

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



180.3120, 36.8212, -50.2626



192.3910, 23.9642, 13.6891



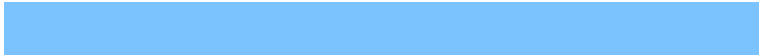
187.0060, -32.5410, 30.6897



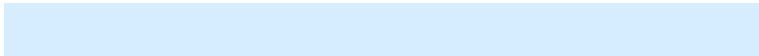
180.6410, -22.5010, -16.3482

Sweetspot

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



180.3120, 36.8212, -50.2626



231.5880, 11.5421, -15.4247



207.2100, -12.4285, -73.8522



113.4810, 7.1579, -9.1918



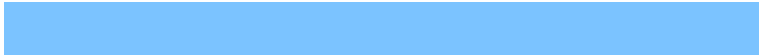
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



180.3120, 36.8212, -50.2626



165.4940, 44.1265, -60.0692



142.1570, 55.6316, -16.8007



120.5910, 3.6526, -4.9033



82.8220, 53.3318, -72.6349



27.8410, 17.8264, -24.4166

Inverse Universe

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



170.6760, 11.9917, 73.9521



154.0460, 14.2743, 88.5367



235.8430, -55.6316, 16.8007



119.6850, 1.1413, 7.2923



68.9650, 17.2723, 107.0247



23.1260, 5.8539, 35.8465

Previews

White Background



This preview shows how the YUV color 180.3120, 36.8212, -50.2626 looks on a white background.

Color Contrast Check

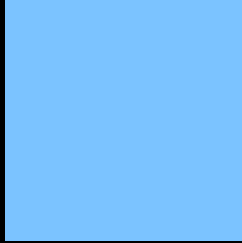
Large Text (above 18pt) WCAG AA × Fail

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 180.3120, 36.8212, -50.2626 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

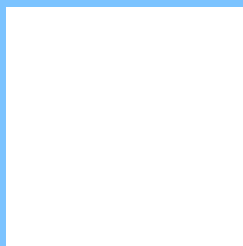
Any Text WCAG AAA ✓ Pass

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

YUV 180.3120, 36.8212, -50.2626 Background



This preview shows how black text looks on a background with the YUV color 180.3120, 36.8212, -50.2626.



This preview shows how white text looks on a background with the YUV color 180.3120, 36.8212, -50.2626.

-50.2626.

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

180.3120, 36.8212, -50.2626

Protanopia

187.6970, 29.7294, -15.5203

Deuteranopia

187.5980, 33.2292, -18.0644



Tritanopia

176.3160, 20.5502, -58.1591

Trichromacy



Original Color

180.3120, 36.8212, -50.2626

Protanomaly

185.3040, 32.3881, -28.3306

Deuteranomaly

185.1620, 34.4301, -29.9601

Tritanomaly

177.5320, 26.3597, -54.8406

Monochromacy



Original Color

180.3120, 36.8212, -50.2626

Achromatopsia

180.0000, 0.0000, 0.0000

Achromatomaly

179.7340, 13.4421, -18.1837

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.3120, 36.8212, -50.2626 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(123, 195, 255)` looks like.

```
.text, #text, p{  
    color:rgb(123, 195, 255)  
}
```

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(123, 195, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 195, 255) }
```

Border

The CSS property to change the border of an element to YUV 180.3120, 36.8212, -50.2626 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(123, 195, 255) }
```


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

```
.border{ border-color:rgb(123, 195, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 195, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(123, 195, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(123, 195, 255); box-shadow:4px 4px 4px 4px rgb(123, 195, 255) }
```

Background

The CSS property to change the background color of an element to YUV 180.3120, 36.8212, -50.2626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 195, 255) }
```

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

```
.background{ background-color: rgb(123,  
195, 255) }
```

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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