

Converting Colors

YUV(180.7870, 16.3740,
-25.2462)

Have a look what the booklet for
YUV(180.7870, 16.3740, -25.2462)
contains.

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Color

**YUV(180.7870, 16.3740,
-25.2462)**

Conversions

Conversions Part 1

Format	Color
Hex	98BDD6
RGB	152, 189, 214
RGB Percent	60%, 74%, 84%
CMY	0.4039, 0.2588, 0.1608
CMYK	0.29, 0.12, 0.00, 0.16
HSL	204°, 43%, 72%
HSV	204°, 29%, 84%
XYZ	43.2841, 47.9256, 70.5876
YIQ	180.7870, -30.0770, -0.0690

Conversions

Conversions Part 2

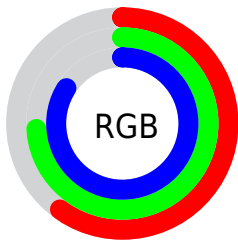
Format	Color
R _Y B	152, 175, 214
Decimal	10010070
CIE Lab	74.78, -6.60, -16.58
CIE LCh	75, 17.849, 248.284
Yxy	47.9256, 0.2675, 0.2962
Android (android.graphics.Color)	4288200150 (0xFF98BDD6)
YUV	180.7870, 16.3740, -25.2462
Hunter-Lab	69.2283, -9.5449, -11.9943

Details

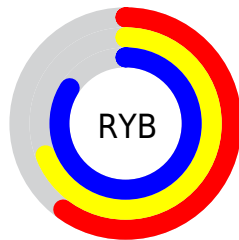
The YUV color **180.7870, 16.3740, -25.2462** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **185.2130, -16.3740, 25.2462**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.7780, 9.9694, -24.3613**, and **127.5590, 15.5004, -25.0462** is the 20% darker color. If you saturate the color by 10%, you get **169.2250, 22.0741, -33.5233**, and if you desaturate by 10%, it is **192.3490, 10.6739, -16.9691**.

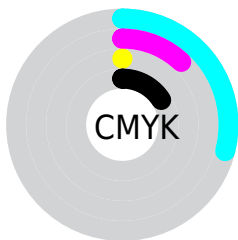
Distribution



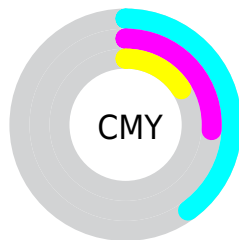
- Red (60%)
- Green (74%)
- Blue (84%)



- Red (60%)
- Yellow (69%)
- Blue (84%)



- Cyan (29%)
- Magenta (12%)
- Yellow (0%)
- Black (16%)



- Cyan (40%)
- Magenta (26%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.7870, 16.3740, -25.2462 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 180.7870, 16.3740, -25.2462 by changing the saturation by 10% instead.

■ 180.7870, 16.3740,
-25.2462

■ 180.7870, 16.3740,
-25.2462

255.0000, 0.0000,
0.0000

■ 153.6730, 15.9372,
-25.1462

■ 234.7780, 9.9694,
-24.3613

■ 127.5590, 15.5004,
-25.0462

■ 249.3190, 2.8007,
-11.6808

■ 101.8580, 15.3530,
-24.4315

■ 77.1460, 15.2110,
-25.5610

■ 53.0210, 14.7796,
-27.2054

■ 30.9070, 14.3428,
-27.1054

■ 16.6590, 10.5211,

-14.6099

■ 2.5250, 7.1362,
-2.2144

■ 0.0000, 0.0000,
0.0000

■ 180.7870, 16.3740,
-25.2462

■ 180.7870, 16.3740,
-25.2462

■ 169.2250, 22.0741,
-33.5233

■ 192.3490, 10.6739,
-16.9691

■ 157.9510, 27.6322,
-42.9300

■ 203.6230, 5.1159,
-7.5624

■ 146.3890, 33.3322,
-51.2072

■ 215.1850, -0.5842,
0.7148

■ 134.5280, 39.1797,
-60.0991

■ 227.0460, -6.4317,
9.6067

■ 123.5530, 44.5904,
-68.8910

■ 236.8250,
-11.2527, 15.9395

■ 111.9910, 50.2904,
-77.1681

■ 242.1080,
-13.8572, 11.3063

■ 100.7170, 55.8485,
-86.5748

■ 246.8040,
-16.1724, 7.1879

■ 99.5320, 56.4327,
-87.2896

■ 250.3260,
-17.9087, 4.0991

Harmonies

Analogous

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



178.1190, 12.7593, -32.5534



180.7870, 16.3740, -25.2462



184.0600, 15.7464, -10.5766

Triad

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



180.7870, 16.3740, -25.2462



187.2530, -3.5757, 26.9651



180.9810, -11.3296, -6.1223

Complementary

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



180.7870, 16.3740, -25.2462



185.2130, -16.3740, 25.2462

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.



182.7440, -15.1568, 8.1175



180.7870, 16.3740, -25.2462



185.7170, -10.7065, 27.4352

Square

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



180.7870, 16.3740, -25.2462



187.0870, 4.8871, 19.2177



184.8210, -15.1948, 20.3280



179.4290, -4.1555, -20.5472

Rectangle

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



180.7870, 16.3740, -25.2462



185.5560, 13.5299, 0.3894



184.8210, -15.1948, 20.3280



181.8460, -13.2351, -1.6189

Sweetspot

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



180.7870, 16.3740, -25.2462



242.8400, 5.9949, -9.5067



191.2440, -7.0223, -34.4170



119.9930, 3.9475, -6.1329



0.0000, 0.0000, 0.0000



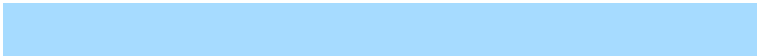
128.0000, 0.0000, 0.0000

Same Dimension

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



180.7870, 16.3740, -25.2462



207.2570, 23.5373, -36.1824



162.5900, 25.3451, -9.2874



101.3630, 2.7790, -4.7034



79.3680, 45.1746, -69.6057



20.1640, 11.2581, -17.6838

Inverse Universe

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



174.7560, 7.0223, 34.4170



198.6530, 10.0311, 49.4163



203.4100, -25.3451, 9.2874



100.0870, 1.4361, 6.0627



62.7570, 19.3468, 94.9291



15.8210, 5.0182, 23.8360

Previews

White Background



This preview shows how the YUV color 180.7870, 16.3740, -25.2462 looks on a white background.

Color Contrast Check

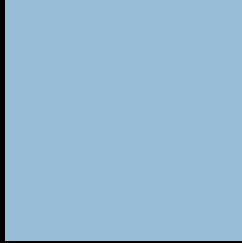
Large Text (above 18pt) WCAG AA × Fail

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 180.7870, 16.3740, -25.2462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

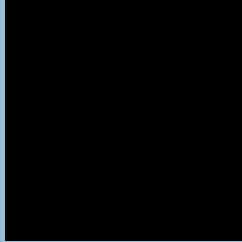
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 180.7870, 16.3740, -25.2462

Background



This preview shows how black text looks on a background with the YUV color 180.7870, 16.3740, -25.2462.



This preview shows how white text looks on a background with the YUV color 180.7870, 16.3740, -25.2462.

-25.2462.

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

180.7870, 16.3740, -25.2462

Protanopia

184.1810, 12.2358, -4.5437

Deuteranopia

185.3110, 15.1297, 0.6043



Tritanopia

179.8640, 12.8850, -26.1907

Trichromacy



Original Color

180.7870, 16.3740, -25.2462

Protanomaly

183.1800, 13.7153, -12.4359

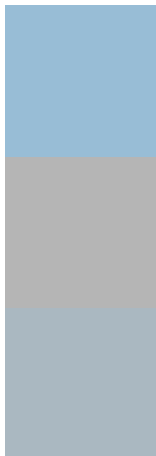
Deuteranomaly

183.9570, 15.3042, -8.7323

Tritanomaly

180.5050, 14.0480, -25.8759

Monochromacy



Original Color

180.7870, 16.3740, -25.2462

Achromatopsia

181.0000, 0.0000, 0.0000

Achromatomaly

180.8400, 5.9949, -9.5067

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.7870, 16.3740, -25.2462 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(152, 189, 214)` looks like.

```
.text, #text, p{  
    color:rgb(152, 189, 214)  
}
```

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(152, 189, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 189, 214) }
```

Border

The CSS property to change the border of an element to YUV 180.7870, 16.3740, -25.2462 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(152, 189, 214) }
```


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

```
.border{ border-color:rgb(152, 189, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 189, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 189, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 189, 214);  
box-shadow:4px 4px 4px 4px rgb(152, 189,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 180.7870, 16.3740, -25.2462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 189, 214) }
```

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

```
.background{ background-color: rgb(152,  
189, 214) }
```

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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