

Converting Colors

YUV(187.8240, 26.7088,
-73.5136)

Have a look what the booklet for
YUV(187.8240, 26.7088, -73.5136)
contains.

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Color

**YUV(187.8240, 26.7088,
-73.5136)**

Conversions

Conversions Part 1

Format	Color
Hex	68DCF2
RGB	104, 220, 242
RGB Percent	41%, 86%, 95%
CMY	0.5922, 0.1373, 0.0510
CMYK	0.57, 0.09, 0.00, 0.05
HSL	190°, 84%, 68%
HSV	190°, 57%, 95%
XYZ	47.3291, 60.5403, 93.1953
YIQ	187.8240, -76.1980, -17.7500

Conversions

Conversions Part 2

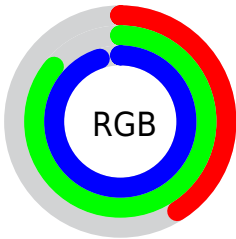
Format	Color
RYB	104, 167, 242
Decimal	6872306
CIELab	82.13, -26.67, -20.70
CIELCh	82, 33.761, 217.819
Yxy	60.5403, 0.2354, 0.3011
Android (android.graphics.Color)	4285062386 (0xFF68DCF2)
YUV	187.8240, 26.7088, -73.5136
Hunter-Lab	77.8076, -27.5846, -16.5502

Details

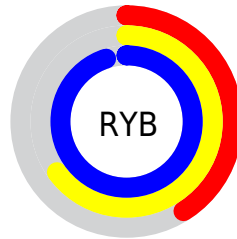
The YUV color **187.8240, 26.7088, -73.5136** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **158.1760, -26.7088, 73.5136**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.0900, 13.2666, -55.3299**, and **125.8330, 29.6623, -87.5535** is the 20% darker color. If you saturate the color by 10%, you get **178.3000, 31.4041, -86.2091**, and if you desaturate by 10%, it is **197.3480, 22.0134, -60.8182**.

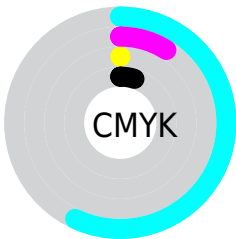
Distribution



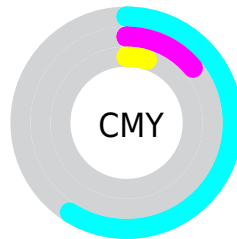
- Red (41%)
- Green (86%)
- Blue (95%)



- Red (41%)
- Yellow (65%)
- Blue (95%)



- Cyan (57%)
- Magenta (9%)
- Yellow (0%)
- Black (5%)



- Cyan (59%)
- Magenta (14%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 187.8240, 26.7088, -73.5136 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 187.8240, 26.7088, -73.5136 by changing the saturation by 10% instead.

187.8240, 26.7088,
-73.5136

187.8240, 26.7088,
-73.5136

255.0000, 0.0000,
0.0000

158.3290, 27.4458,
-76.5875

228.0900, 13.2666,
-55.3299

125.8330, 29.6623,
-87.5535

237.3590, 8.6970,
-36.2718

99.1320, 29.5149,
-86.9388

246.3290, 4.2748,
-17.8285

80.9060, 25.6823,
-70.9546

63.8540, 21.2710,
-56.0000

47.0300, 17.7332,
-41.2453

30.9070, 14.3428,

-27.1054

■ 13.7240, 11.9681,
-12.0359

■ 2.4110, 6.6994,
-2.1144

■ 187.8240, 26.7088,
-73.5136

■ 187.8240, 26.7088,
-73.5136

■ 178.3000, 31.4041,
-86.2091

■ 197.3480, 22.0134,
-60.8182

■ 168.7760, 36.0994,
-98.9046

■ 206.8720, 17.3181,
-48.1227

■ 158.9530, 40.9422,
-112.2148

■ 216.6950, 12.4754,
-34.8125

■ 150.0160, 45.3481,
-125.4250

■ 225.6320, 8.0694,
-21.6023

■ 146.7490, 46.9587,
-128.6989

■ 235.1560, 3.3741,
-8.9068

■ 244.6800, -1.3212,
3.7886

■ 248.8220, -3.3632,
5.4181

■ 251.1700, -4.5208,
3.3589

■ 253.5180, -5.6784,
1.2997

Harmonies

Analogous

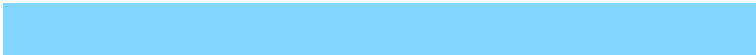
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



188.5680, 11.5520, -65.3961



187.8240, 26.7088, -73.5136



193.5580, 30.2909, -55.7404

Triad

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



187.8240, 26.7088, -73.5136



209.4620, 9.6322, 37.3058



201.5910, -29.8714, 14.3907

Complementary

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



187.8240, 26.7088, -73.5136



158.1760, -26.7088, 73.5136

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.



204.3750, -28.7789, 37.3821



187.8240, 26.7088, -73.5136



204.9500, -3.9193, 43.8939

Square

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



187.8240, 26.7088, -73.5136



207.7280, 22.8121, 9.8855



203.8780, -18.1809, 44.8340



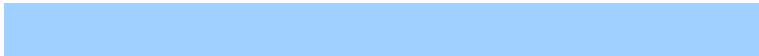
198.0760, -22.2225, -12.3447

Rectangle

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



187.8240, 26.7088, -73.5136



199.0060, 27.6050, -34.2083



203.8780, -18.1809, 44.8340



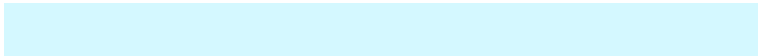
202.5320, -30.3353, 23.2124

Sweetspot

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



187.8240, 26.7088, -73.5136



238.0340, 8.3642, -22.8318



187.4000, -30.7632, -73.1418



117.2910, 5.2795, -13.4102



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.



187.8240, 26.7088, -73.5136



186.8370, 33.6044, -91.9420



147.9080, 46.3874, -38.5073



115.2380, 2.3477, -6.3477



111.3740, 35.8046, -97.6750



33.9730, 10.8593, -29.7943

Inverse Universe

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



158.4860, 30.3264, 73.2418



150.2570, 37.8343, 91.8596



198.0920, -46.3874, 38.5073



112.7280, 2.5991, 6.3775



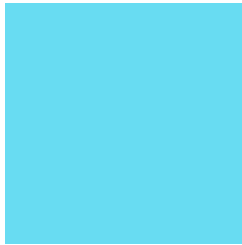
72.5720, 40.1440, 97.7224



22.1020, 12.2747, 29.7285

Previews

White Background



This preview shows how the YUV color 187.8240, 26.7088, -73.5136 looks on a white background.

Color Contrast Check

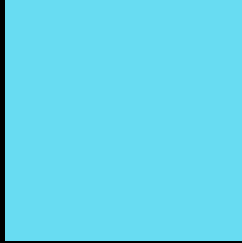
Large Text (above 18pt) WCAG AA × Fail

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 187.8240, 26.7088, -73.5136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

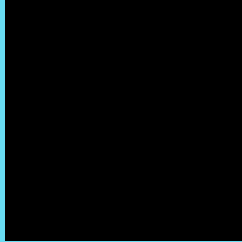
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 187.8240, 26.7088, -73.5136

Background



This preview shows how black text looks on a background with the YUV color 187.8240, 26.7088, -73.5136.



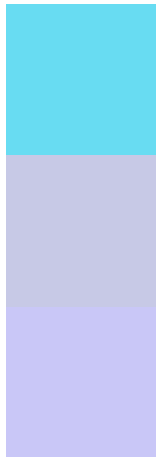
This preview shows how white text looks on a background with the YUV color 187.8240, 26.7088, -73.5136.

-73.5136.

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

187.8240, 26.7088, -73.5136

Protanopia

203.7080, 12.9620, -4.1289

Deuteranopia

205.0700, 20.6715, -3.5694



Tritanopia

187.6560, 24.8196, -74.2433

Trichromacy



Original Color

187.8240, 26.7088, -73.5136

Protanomaly

197.8080, 17.8427, -29.6496

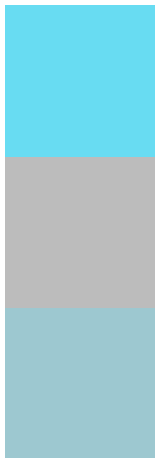
Deuteranomaly

199.0730, 22.6420, -29.0050

Tritanomaly

187.7700, 25.2564, -74.3433

Monochromacy



Original Color

187.8240, 26.7088, -73.5136

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

188.0550, 9.8329, -27.2352

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.8240, 26.7088, -73.5136 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(104, 220, 242)` looks like.

```
.text, #text, p{  
    color:rgb(104, 220, 242)  
}
```

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(104, 220, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 220, 242) }
```

Border

The CSS property to change the border of an element to YUV 187.8240, 26.7088, -73.5136 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(104, 220, 242) }
```


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

```
.border{ border-color:rgb(104, 220, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 220, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(104, 220, 242); -webkit-box-shadow:4px 4px 4px 4px rgb(104, 220, 242); box-shadow:4px 4px 4px 4px rgb(104, 220, 242) }
```

Background

The CSS property to change the background color of an element to YUV 187.8240, 26.7088, -73.5136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 220, 242) }
```

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

```
.background{ background-color: rgb(104,  
220, 242) }
```

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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