

Converting Colors

YIQ(187.1350, -66.7080,
-13.5240)

Have a look what the booklet for
YIQ(187.1350, -66.7080, -13.5240)
contains.

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Color

**YIQ(187.1350, -66.7080,
-13.5240)**

Conversions

Conversions Part 1

Format	Color
Hex	73D6EE
RGB	115, 214, 238
RGB Percent	45%, 84%, 93%
CMY	0.5492, 0.1606, 0.0669
CMYK	0.52, 0.10, 0.00, 0.07
HSL	192°, 78%, 69%
HSV	192°, 52%, 93%
XYZ	46.5420, 57.9241, 89.5607
YIQ	187.1350, -66.7080, -13.5240

Conversions

Conversions Part 2

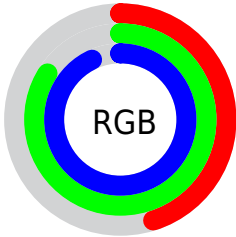
Format	Color
RYB	115, 170, 238
Decimal	7591662
CIELab	80.70, -22.70, -20.67
CIELCh	81, 30.700, 222.329
Yxy	57.9241, 0.2399, 0.2985
Android (android.graphics.Color)	4285781742 (0xFF73D6EE)
YUV	187.1350, 25.0764, -63.2624
Hunter-Lab	76.1079, -24.0313, -16.4946

Details

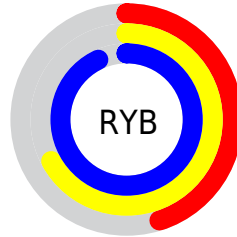
The YIQ color **187.1350, -66.7080, -13.5240** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **165.8650, 66.7080, 13.5240**, and the grayscale version is **187.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **230.7810, -48.2760, -17.1720**, and **129.0310, -72.3470, -15.9550** is the 20% darker color. If you saturate the color by 10%, you get **177.0240, -79.6370, -15.9970**, and if you desaturate by 10%, it is **197.2460, -53.7790, -11.0510**.

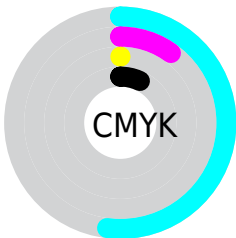
Distribution



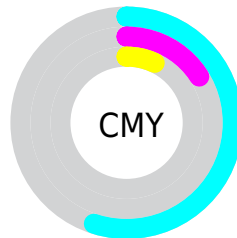
- Red (45%)
- Green (84%)
- Blue (93%)



- Red (45%)
- Yellow (67%)
- Blue (93%)



- Cyan (52%)
- Magenta (10%)
- Yellow (0%)
- Black (7%)



- Cyan (55%)
- Magenta (16%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 187.1350, -66.7080, -13.5240 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 YIQ color 187.1350, -66.7080, -13.5240 by changing the saturation by 10% instead.

■ 187.1350,
-66.7080, -13.5240

■ 187.1350,
-66.7080, -13.5240

■ 255.0000, -0.0000,
-0.0000

■ 158.2380,
-68.4960, -14.1600

■ 230.7810,
-48.2760, -17.1720

■ 129.0310,
-72.3470, -15.9550

■ 239.7510,
-30.3960, -10.8120

■ 95.7410, -86.3300,
-21.3540

■ 248.7210,
-12.5160, -4.4520

■ 77.5150, -70.8340,
-15.8420

■ 60.5770, -56.2090,
-11.0650

■ 43.7530, -41.9050,
-5.9770

■ 28.8040, -28.7470,

-2.1470

■ 8.2130, -13.4810,
7.5350

■ 1.2540, -3.5310,
3.4210

■ 187.1350,
-66.7080, -13.5240

■ 187.1350,
-66.7080, -13.5240

■ 177.0240,
-79.6370, -15.9970

■ 197.2460,
-53.7790, -11.0510

■ 167.5000,
-92.8410, -18.9930

■ 206.7700,
-40.5750, -8.0550

■ 157.6880,
-105.1740, -21.2540

■ 216.5820,
-28.2420, -5.7940

■ 148.1640,
-118.3780, -24.2500

■ 226.6930,
-15.3130, -3.3210

■ 139.8360,
-129.1980, -26.3980

■ 236.2170, -2.1090,
-0.3250

■ 245.4310, 9.0320,
1.5120

■ 247.7790, 7.9320,
-0.5800

■ 250.7140, 6.5570,
-3.1950

■ 253.0620, 5.4570,
-5.2870

Harmonies

Analogous

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



186.1280, -56.8030, -22.3310



187.1350, -66.7080, -13.5240



193.2110, -54.6980, 0.1020

Triad

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



187.1350, -66.7080, -13.5240



204.9520, 27.4590, 25.4990



197.4810, 22.7900, -16.5540

Complementary

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



187.1350, -66.7080, -13.5240



165.8650, 66.7080, 13.5240

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.



200.4990, 40.7150, -5.5010



187.1350, -66.7080, -13.5240



202.8640, 42.0860, 19.2220

Square

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



187.1350, -66.7080, -13.5240



204.1260, 0.5460, 23.1540



202.5360, 48.4610, 8.3090



194.0910, -2.6550, -23.4790

Rectangle

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



187.1350, -66.7080, -13.5240



197.5770, -37.8730, 9.0630



202.5360, 48.4610, 8.3090



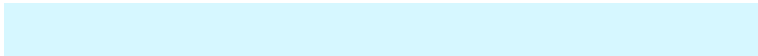
198.5960, 29.8960, -13.1760

Sweetspot

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



187.1350, -66.7080, -13.5240



238.0450, -22.2360, -4.5080



189.7090, -40.8870, -57.4870



117.5900, -13.5250, -2.6850



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.



187.1350, -66.7080, -13.5240



189.5610, -85.6430, -17.2830



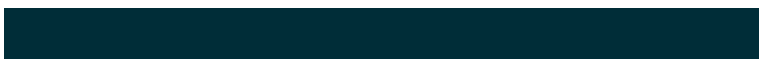
151.9150, -50.2080, 17.8560



115.2380, -6.6020, -1.4980



107.8520, -99.7640, -20.1800



32.7990, -30.3510, -6.1190

Inverse Universe

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



163.0630, 41.5290, 56.8650



158.7200, 53.4010, 72.9930



201.0850, 50.2080, -17.8560



112.7280, 3.9420, 5.6540



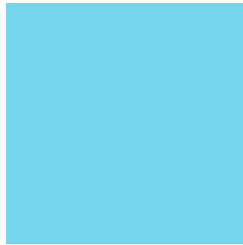
71.8880, 62.1560, 85.0360



21.8740, 18.9310, 25.8670

Previews

White Background



This preview shows how the YIQ color 187.1350, -66.7080, -13.5240 looks on a white background.

Color Contrast Check

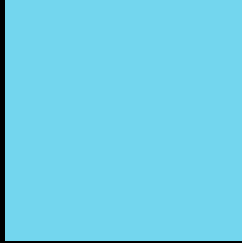
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 187.1350, -66.7080, -13.5240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

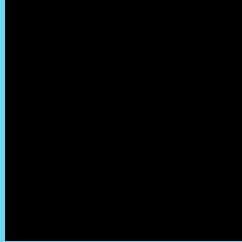
Any Text WCAG AA ✓ Pass

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](#).

YIQ 187.1350, -66.7080, -13.5240 Background



This preview shows how black text looks on a background with the YIQ color 187.1350, -66.7080, -13.5240.



This preview shows how white text looks on a background with the YIQ color 187.1350, -66.7080, -13.5240.

-13.5240.

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

187.1350, -66.7080, -13.5240

Protanopia

200.1100, -11.6930, 8.1710

Deuteranopia

200.9560, -13.8950, 15.0410



Tritanopia

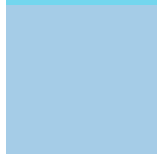
186.4400, -66.2490, -16.3370

Trichromacy



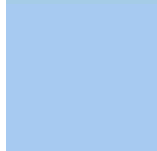
Original Color

187.1350, -66.7080, -13.5240



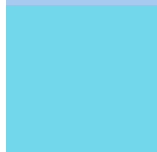
Protanomaly

195.4170, -31.9110, 0.1290



Deuteranomaly

195.9810, -33.3790, 4.7090



Tritanomaly

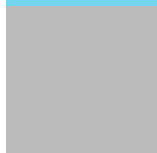
186.9670, -66.2950, -15.5030

Monochromacy



Original Color

187.1350, -66.7080, -13.5240



Achromatopsia

187.0000, -0.0000, -0.0000



Achromatomaly

187.2620, -24.3450, -4.8330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 187.1350, -66.7080, -13.5240 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(115, 214, 238)` looks like.

```
.text, #text, p{  
    color:rgb(115, 214, 238)  
}
```

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(115, 214, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 214, 238) }
```

Border

The CSS property to change the border of an element to YIQ 187.1350, -66.7080, -13.5240 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

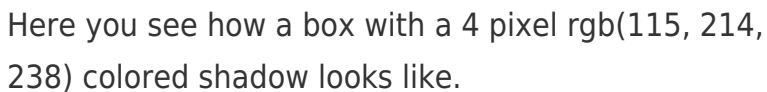
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(115, 214, 238) }
```


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

```
.border{ border-color:rgb(115, 214, 238) }
```

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



Here you see how a box with a 4 pixel `rgb(115, 214, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 214, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 214, 238);  
box-shadow:4px 4px 4px 4px rgb(115, 214,  
238) }
```

Background

The CSS property to change the background color of an element to YIQ 187.1350, -66.7080, -13.5240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 214, 238) }
```

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

```
.background{ background-color: rgb(115,  
214, 238) }
```

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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