

Converting Colors

YIQ(187.6370, -65.6060,
-22.4860)

Have a look what the booklet for
YIQ(187.6370, -65.6060, -22.4860)
contains.

YIQ(187.6370, -65.6060, -22.4860)	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

**YIQ(187.6370, -65.6060,
-22.4860)**

Conversions

Conversions Part 1

Format	Color
Hex	6FDCDE
RGB	111, 220, 222
RGB Percent	44%, 86%, 87%
CMY	0.5649, 0.1371, 0.1297
CMYK	0.50, 0.01, 0.00, 0.13
HSL	181°, 63%, 65%
HSV	181°, 50%, 87%
XYZ	45.3284, 59.8560, 78.2246
YIQ	187.6370, -65.6060, -22.4860

Conversions

Conversions Part 2

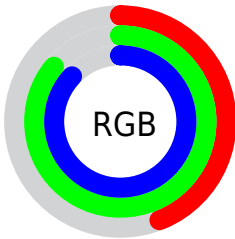
Format	Color
RYB	111, 166, 222
Decimal	7331038
CIELab	81.76, -30.74, -10.57
CIELCh	82, 32.503, 198.985
Yxy	59.8560, 0.2471, 0.3264
Android (android.graphics.Color)	4285521118 (0xFF6FDCDE)
YUV	187.6370, 16.9410, -67.2106
Hunter-Lab	77.3667, -30.8104, -5.7908

Details

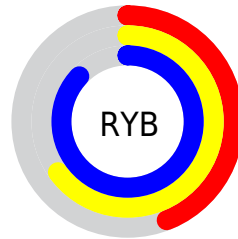
The YIQ color **187.6370, -65.6060, -22.4860** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **145.3630, 65.6060, 22.4860**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.5850, -50.6600, -18.0200**, and **129.6470, -71.5660, -24.6060** is the 20% darker color. If you saturate the color by 10%, you get **181.0590, -78.7180, -27.1500**, and if you desaturate by 10%, it is **194.2150, -52.4940, -17.8220**.

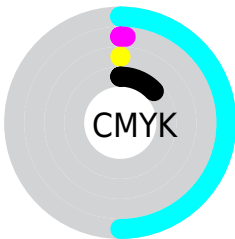
Distribution



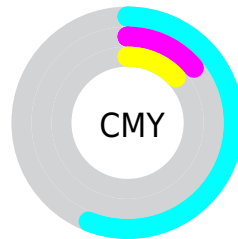
- Red (44%)
- Green (86%)
- Blue (87%)



- Red (44%)
- Yellow (65%)
- Blue (87%)



- Cyan (50%)
- Magenta (1%)
- Yellow (0%)
- Black (13%)



- Cyan (56%)
- Magenta (14%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 187.6370, -65.6060, -22.4860 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 187.6370, -65.6060, -22.4860 by changing the saturation by 10% instead.

■ 187.6370,
-65.6060, -22.4860

■ 187.6370,
-65.6060, -22.4860

■ 255.0000, -0.0000,
-0.0000

■ 158.7400,
-67.3940, -23.1220

■ 229.5850,
-50.6600, -18.0200

■ 129.6470,
-71.5660, -24.6060

■ 238.5550,
-32.7800, -11.6600

■ 97.0800, -83.2110,
-28.3230

■ 247.5250,
-14.9000, -5.3000

■ 78.8540, -67.7150,
-22.8110

■ 61.4430, -53.1360,
-17.2000

■ 44.6190, -38.8320,
-12.1120

■ 29.1970, -25.7200,

-7.4480

■ 10.4810, -11.6000,
0.9760

■ 0.0000, 0.0000,
0.0000

■ 187.6370,
-65.6060, -22.4860

■ 187.6370,
-65.6060, -22.4860

■ 181.0590,
-78.7180, -27.1500

■ 194.2150,
-52.4940, -17.8220

■ 173.8940,
-91.5550, -31.2910

■ 201.3800,
-39.6570, -13.6810

■ 167.0170,
-105.2630, -36.1670

■ 208.2570,
-25.9490, -8.8050

■ 160.4390,
-118.3750, -40.8310

■ 215.4220,
-13.1120, -4.6640

■ 153.2740,
-131.2120, -44.9720

■ 222.0000, -0.0000,
0.0000

■ 228.5780, 13.1120,
4.6640

■ 232.4540, 19.3930,
6.4730

Harmonies

Analogous

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



190.9910, -40.4800, -26.3040



187.6370, -65.6060, -22.4860



189.7370, -71.3390, -12.1950

Triad

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



187.6370, -65.6060, -22.4860



207.7140, 7.6980, 25.6980



202.3200, 39.6610, -8.4270

Complementary

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



187.6370, -65.6060, -22.4860



145.3630, 65.6060, 22.4860

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.



204.7270, 49.2410, 5.1850



187.6370, -65.6060, -22.4860



207.7030, 32.5940, 26.0500

Square

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



187.6370, -65.6060, -22.4860



203.2910, -22.1480, 15.9320



203.5820, 42.8200, 16.9320



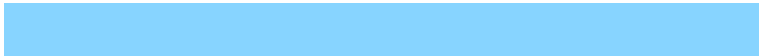
199.3340, 18.7100, -19.7060

Rectangle

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



187.6370, -65.6060, -22.4860



193.8790, -59.6950, -2.9510



203.5820, 42.8200, 16.9320



203.5920, 44.8870, -4.0170

Sweetspot

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



187.6370, -65.6060, -22.4860



243.0510, -22.3730, -7.5330



176.3850, -31.1670, -57.4310



120.5360, -13.4330, -4.3530



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.



187.6370, -65.6060, -22.4860



207.4920, -90.3630, -30.8670



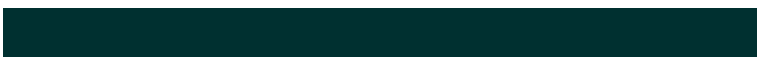
155.3520, -50.4810, 6.2790



108.7110, -6.5560, -2.3320



121.6150, -104.0710, -35.7430



33.6480, -28.6080, -10.1760

Inverse Universe

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



156.6150, 31.1670, 57.4310



164.8470, 43.0380, 79.0860



177.6480, 50.4810, -6.2790



105.5430, 3.0250, 5.7530



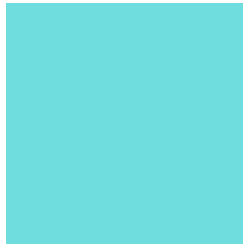
72.3460, 49.3630, 91.1150



19.8240, 13.2000, 25.1040

Previews

White Background



This preview shows how the YIQ color 187.6370, -65.6060, -22.4860 looks on a white background.

Color Contrast Check

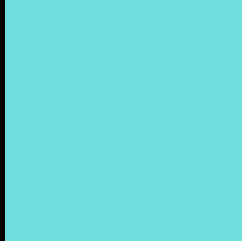
Large Text (above 18pt) WCAG AA × Fail

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 187.6370, -65.6060, -22.4860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

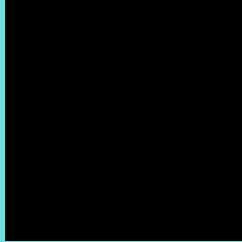
Any Text WCAG AA ✓ Pass

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 187.6370, -65.6060, -22.4860 Background



This preview shows how black text looks on a background with the YIQ color 187.6370, -65.6060, -22.4860.



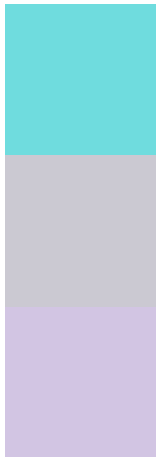
This preview shows how white text looks on a background with the YIQ color 187.6370, -65.6060, -22.4860.

-22.4860.

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

187.6370, -65.6060, -22.4860

Protanopia

202.6240, -1.6970, 3.2230

Deuteranopia

204.3070, -1.8820, 12.0860



Tritanopia

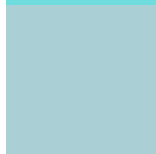
189.5540, -66.5700, -16.0260

Trichromacy



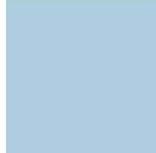
Original Color

187.6370, -65.6060, -22.4860



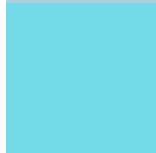
Protanomaly

197.3220, -24.5740, -6.1900



Deuteranomaly

198.0110, -24.8960, -0.3520



Tritanomaly

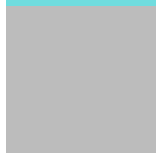
188.9730, -66.4320, -18.5280

Monochromacy



Original Color

187.6370, -65.6060, -22.4860



Achromatopsia

188.0000, 0.0000, 0.0000



Achromatomaly

188.0400, -23.8400, -8.4800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 187.6370, -65.6060, -22.4860 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(111, 220, 222)` looks like.

```
.text, #text, p{  
    color:rgb(111, 220, 222)  
}
```

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(111, 220, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 220, 222) }
```

Border

The CSS property to change the border of an element to YIQ 187.6370, -65.6060, -22.4860 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(111, 220, 222) }
```


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

```
.border{ border-color:rgb(111, 220, 222) }
```

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

Here you see how a box with a 4 pixel rgb(111, 220, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 220, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 220, 222);  
box-shadow:4px 4px 4px 4px rgb(111, 220,  
222) }
```

Background

The CSS property to change the background color of an element to YIQ 187.6370, -65.6060, -22.4860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 220, 222) }
```

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

```
.background{ background-color: rgb(111,  
220, 222) }
```

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