

Converting Colors

YIQ(164.9140, -67.9440,
-24.1680)

Have a look what the booklet for
YIQ(164.9140, -67.9440, -24.1680)
contains.

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Color

**YIQ(164.9140, -67.9440,
-24.1680)**

Conversions

Conversions Part 1

Format	Color
Hex	55C7C7
RGB	85, 199, 199
RGB Percent	33%, 78%, 78%
CMY	0.6669, 0.2194, 0.2199
CMYK	0.57, 0.00, 0.00, 0.22
HSL	180°, 50%, 56%
HSV	180°, 57%, 78%
XYZ	34.4753, 46.9173, 61.2299
YIQ	164.9140, -67.9440, -24.1680

Conversions

Conversions Part 2

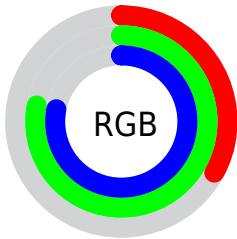
Format	Color
RYB	85, 142, 199
Decimal	5621703
CIELab	74.14, -31.94, -9.67
CIElCh	74, 33.371, 196.850
Yxy	46.9173, 0.2417, 0.3290
Android (android.graphics.Color)	4283811783 (0xFF55C7C7)
YUV	164.9140, 16.8044, -70.0846
Hunter-Lab	68.4962, -30.0263, -5.0530

Details

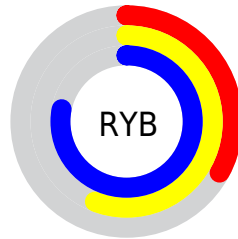
The YIQ color **164.9140, -67.9440, -24.1680** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **119.0860, 67.9440, 24.1680**, and the grayscale version is **165.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **222.1100, -65.5600, -23.3200**, and **101.6450, -86.4200, -30.7400** is the 20% darker color. If you saturate the color by 10%, you get **158.9340, -79.8640, -28.4080**, and if you desaturate by 10%, it is **170.8940, -56.0240, -19.9280**.

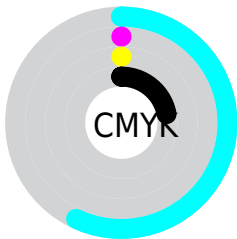
Distribution



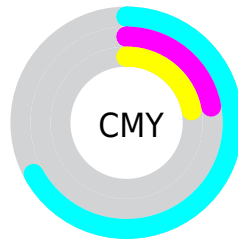
- Red (33%)
- Green (78%)
- Blue (78%)



- Red (33%)
- Yellow (56%)
- Blue (78%)



- Cyan (57%)
- Magenta (0%)
- Yellow (0%)
- Black (22%)



- Cyan (67%)
- Magenta (22%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 164.9140, -67.9440, -24.1680 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 164.9140, -67.9440, -24.1680 by changing the saturation by 10% instead.

■ 164.9140,
-67.9440, -24.1680

■ 164.9140,
-67.9440, -24.1680

■ 255.0000, -0.0000,
-0.0000

■ 135.2340,
-71.8410, -25.1290

■ 222.1100,
-65.5600, -23.3200

■ 101.6450,
-86.4200, -30.7400

■ 231.0800,
-47.6800, -16.9600

■ 83.4190, -70.9240,
-25.2280

■ 239.7510,
-30.3960, -10.8120

■ 65.4210, -56.0700,
-19.0940

■ 249.0200,
-11.9200, -4.2400

■ 48.5970, -41.7660,
-14.0060

■ 32.5880, -28.3790,
-8.8190

■ 17.2800, -15.5880,

-3.8440

■ 0.0000, 0.0000,
0.0000

■ 164.9140,
-67.9440, -24.1680

■ 164.9140,
-67.9440, -24.1680

■ 158.9340,
-79.8640, -28.4080

■ 170.8940,
-56.0240, -19.9280

■ 152.9540,
-91.7840, -32.6480

■ 176.8740,
-44.1040, -15.6880

■ 146.9740,
-103.7040, -36.8880

■ 182.8540,
-32.1840, -11.4480

■ 140.9940,
-115.6240, -41.1280

■ 188.8340,
-20.2640, -7.2080

■ 139.4990,
-118.6040, -42.1880

■ 194.5150, -8.9400,
-3.1800

■ 200.4950, 2.9800,
1.0600

■ 206.4750, 14.9000,
5.3000

■ 212.4550, 26.8200,
9.5400

■ 215.7440, 33.3760,
11.8720

Harmonies

Analogous

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



169.6490, -39.5170, -27.2370



164.9140, -67.9440, -24.1680



165.9320, -76.3820, -14.4140

Triad

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



164.9140, -67.9440, -24.1680



186.3440, 5.8640, 25.8960



181.9180, 40.8530, -8.0030

Complementary

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



164.9140, -67.9440, -24.1680



119.0860, 67.9440, 24.1680

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.



183.8520, 50.3870, 6.4430



164.9140, -67.9440, -24.1680



186.9310, 31.9520, 26.6720

Square

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



164.9140, -67.9440, -24.1680



182.4800, -27.0540, 16.7380



185.5010, 47.5420, 19.4620



178.8180, 20.2230, -19.5930

Rectangle

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



164.9140, -67.9440, -24.1680



171.5300, -66.0220, -3.9260



185.5010, 47.5420, 19.4620



182.4180, 45.4370, -2.9710

Sweetspot

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



164.9140, -67.9440, -24.1680



242.1430, -25.6280, -9.1160



152.5160, -30.1580, -59.1980



120.1120, -15.1750, -5.8230



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.



164.9140, -67.9440, -24.1680



202.3760, -104.8960, -37.3120



132.6290, -52.8190, 4.5970



96.3090, -5.3640, -1.9080



114.2630, -97.1480, -34.5560



25.2360, -21.4560, -7.6320

Inverse Universe

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



119.0860, 67.9440, 24.1680



131.6240, 104.8960, 37.3120



151.3710, 52.8190, -4.5970



92.6910, 5.3640, 1.9080



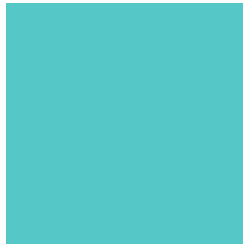
48.7370, 97.1480, 34.5560



10.7640, 21.4560, 7.6320

Previews

White Background



This preview shows how the YIQ color 164.9140, -67.9440, -24.1680 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 164.9140, -67.9440, -24.1680 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

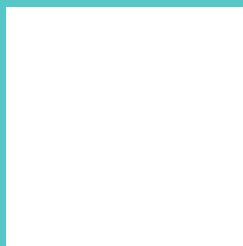
Any Text WCAG AAA ✓ Pass

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

YIQ 164.9140, -67.9440, -24.1680 Background



This preview shows how black text looks on a background with the YIQ color 164.9140, -67.9440, -24.1680.



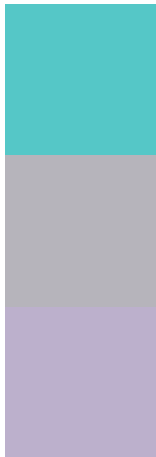
This preview shows how white text looks on a background with the YIQ color 164.9140, -67.9440, -24.1680.

-24.1680.

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

164.9140, -67.9440, -24.1680

Protanopia

181.3960, -1.0550, 2.6010

Deuteranopia

182.7800, -1.8360, 11.2520



Tritanopia

167.1300, -68.3120, -17.4960

Trichromacy



Original Color

164.9140, -67.9440, -24.1680

Protanomaly

175.4960, -25.1240, -7.2360

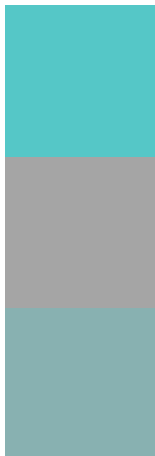
Deuteranomaly

176.1850, -25.4460, -1.3980

Tritanomaly

166.5490, -68.1740, -19.9980

Monochromacy



Original Color

164.9140, -67.9440, -24.1680

Achromatopsia

165.0000, -0.0000, -0.0000

Achromatomaly

164.7410, -24.4360, -8.6920

CSS Examples

Text

The CSS property to change the color of the text to YIQ 164.9140, -67.9440, -24.1680 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(85, 199, 199)` looks like.

```
.text, #text, p{  
    color:rgb(85, 199, 199)  
}
```

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(85, 199, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 199, 199) }
```

Border

The CSS property to change the border of an element to YIQ 164.9140, -67.9440, -24.1680 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(85, 199, 199) }
```


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

```
.border{ border-color:rgb(85, 199, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 199, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 199, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 199, 199);  
box-shadow:4px 4px 4px 4px rgb(85, 199,  
199) }
```

Background

The CSS property to change the background color of an element to YIQ 164.9140, -67.9440, -24.1680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 199, 199) }
```

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

```
.background{ background-color: rgb(85, 199,  
199) }
```

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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