

Converting Colors

YIQ(188.4150, -55.9330,
-16.0690)

Have a look what the booklet for
YIQ(188.4150, -55.9330, -16.0690)
contains.

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Color

**YIQ(188.4150, -55.9330,
-16.0690)**

Conversions

Conversions Part 1

Format	Color
Hex	7DD6DF
RGB	125, 214, 223
RGB Percent	49%, 84%, 87%
CMY	0.5100, 0.1606, 0.1257
CMYK	0.44, 0.04, 0.00, 0.13
HSL	185°, 60%, 68%
HSV	185°, 44%, 87%
XYZ	45.8172, 57.7927, 78.5111
YIQ	188.4150, -55.9330, -16.0690

Conversions

Conversions Part 2

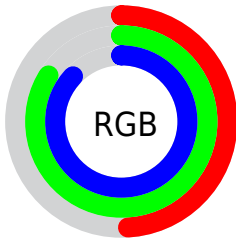
Format	Color
RYB	125, 172, 223
Decimal	8247007
CIELab	80.62, -24.44, -12.75
CIELCh	81, 27.564, 207.557
Yxy	57.7927, 0.2516, 0.3173
Android (android.graphics.Color)	4286437087 (0xFF7DD6DF)
YUV	188.4150, 17.0504, -55.6150
Hunter-Lab	76.0215, -25.4578, -8.0166

Details

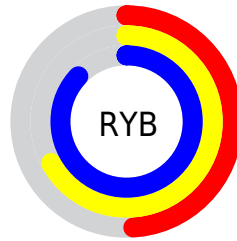
The YIQ color **188.4150, -55.9330, -16.0690** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **159.5850, 55.9330, 16.0690**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **233.1730, -43.5080, -15.4760**, and **132.5180, -57.7210, -16.7050** is the 20% darker color. If you saturate the color by 10%, you get **180.6630, -68.4950, -19.6870**, and if you desaturate by 10%, it is **196.1670, -43.3710, -12.4510**.

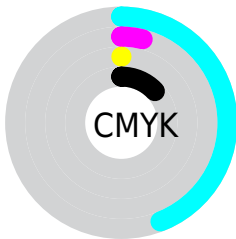
Distribution



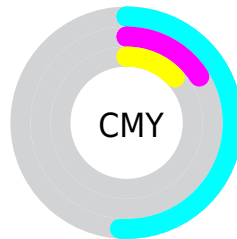
- Red (49%)
- Green (84%)
- Blue (87%)



- Red (49%)
- Yellow (67%)
- Blue (87%)



- Cyan (44%)
- Magenta (4%)
- Yellow (0%)
- Black (13%)



- Cyan (51%)
- Magenta (16%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 188.4150, -55.9330, -16.0690 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 188.4150, -55.9330, -16.0690 by changing the saturation by 10% instead.

■ 188.4150,
-55.9330, -16.0690

■ 188.4150,
-55.9330, -16.0690

■ 255.0000, -0.0000,
-0.0000

■ 160.1160,
-56.5290, -16.2810

■ 233.1730,
-43.5080, -15.4760

■ 132.5180,
-57.7210, -16.7050

■ 242.1430,
-25.6280, -9.1160

■ 103.7130,
-62.7640, -18.9240

■ 250.8140, -8.3440,
-2.9680

■ 76.0330, -66.6610,
-19.8850

■ 59.0950, -52.0360,
-15.1080

■ 42.3850, -38.0530,
-9.7090

■ 26.9630, -24.9410,

-5.0450

■ 6.4860, -9.9960,
4.9480

■ 0.0000, 0.0000,
0.0000

■ 188.4150,
-55.9330, -16.0690

■ 188.4150,
-55.9330, -16.0690

■ 180.6630,
-68.4950, -19.6870

■ 196.1670,
-43.3710, -12.4510

■ 172.6120,
-81.6530, -23.5170

■ 204.2180,
-30.2130, -8.6210

■ 164.8600,
-94.2150, -27.1350

■ 211.9700,
-17.6510, -5.0030

■ 157.1080,
-106.7770, -30.7530

■ 219.7220, -5.0890,
-1.3850

■ 149.0570,
-119.9350, -34.5830

■ 227.4740, 7.4730,
2.2330

■ 144.5830,
-127.4080, -36.8160

■ 234.3290, 18.2470,
5.2150

■ 235.5030, 17.6970,
4.1690

■ 236.6770, 17.1470,
3.1230

■ 237.8510, 16.5970,
2.0770

Harmonies

Analogous

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



189.9250, -40.1140, -21.9220



188.4150, -55.9330, -16.0690



191.6360, -54.6970, -5.4250

Triad

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



188.4150, -55.9330, -16.0690



204.2430, 13.3380, 22.6020



199.2910, 29.4370, -10.3630

Complementary

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



188.4150, -55.9330, -16.0690



159.5850, 55.9330, 16.0690

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.



201.3130, 41.5390, 1.5950



188.4150, -55.9330, -16.0690



204.4270, 33.1910, 20.7350

Square

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



188.4150, -55.9330, -16.0690



202.0210, -12.5200, 17.6560



202.9470, 43.0500, 12.7620



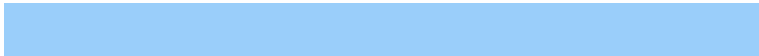
196.4840, 9.5400, -18.7160

Rectangle

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



188.4150, -55.9330, -16.0690



195.4680, -45.1160, 2.6600



202.9470, 43.0500, 12.7620



200.0360, 34.7090, -6.7870

Sweetspot

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



188.4150, -55.9330, -16.0690



243.3720, -18.8430, -5.4270



183.4380, -29.5180, -48.7660



120.5470, -11.9660, -3.4060



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.



188.4150, -55.9330, -16.0690



207.5910, -77.1600, -22.3440



160.2390, -42.7330, 9.0350



108.1240, -6.2810, -1.8090



113.9840, -100.4960, -28.9440



31.3000, -27.5080, -8.0840

Inverse Universe

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



164.4480, 29.8390, 48.4550



174.3870, 40.9770, 66.8730



187.7610, 42.7330, -9.0350



105.4290, 3.3460, 5.4420



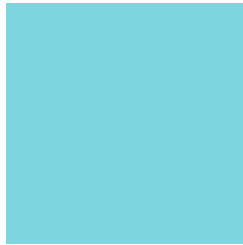
70.8640, 53.5360, 87.0720



19.3680, 14.4840, 23.8600

Previews

White Background



This preview shows how the YIQ color 188.4150, -55.9330, -16.0690 looks on a white background.

Color Contrast Check

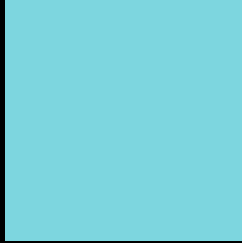
Large Text (above 18pt) WCAG AA × Fail

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 188.4150, -55.9330, -16.0690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

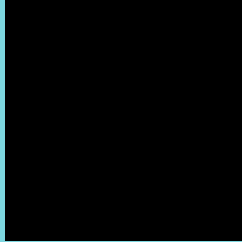
Any Text WCAG AA ✓ Pass

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 188.4150, -55.9330, -16.0690 Background



This preview shows how black text looks on a background with the YIQ color 188.4150, -55.9330, -16.0690.



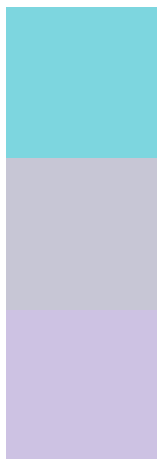
This preview shows how white text looks on a background with the YIQ color 188.4150, -55.9330, -16.0690.

-16.0690.

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

188.4150, -55.9330, -16.0690

Protanopia

200.0090, -4.2190, 4.8770

Deuteranopia

201.0510, -4.0370, 12.5950



Tritanopia

189.2240, -56.7130, -12.9450

Trichromacy



Original Color

188.4150, -55.9330, -16.0690

Protanomaly

195.9140, -23.2450, -2.7410

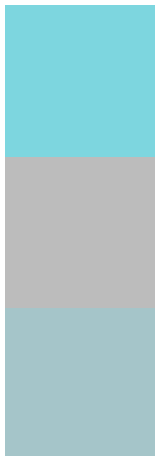
Deuteranomaly

196.3750, -22.9250, 2.4750

Tritanomaly

188.5830, -56.3460, -14.0900

Monochromacy



Original Color

188.4150, -55.9330, -16.0690

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

187.8880, -20.3560, -5.5400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 188.4150, -55.9330, -16.0690 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(125, 214, 223)` looks like.

```
.text, #text, p{  
    color:rgb(125, 214, 223)  
}
```

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(125, 214, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 214, 223) }
```

Border

The CSS property to change the border of an element to YIQ 188.4150, -55.9330, -16.0690 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(125, 214, 223) }
```


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

```
.border{ border-color:rgb(125, 214, 223) }
```

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

Here you see how a box with a 4 pixel rgb(125, 214, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 214, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 214, 223);  
box-shadow:4px 4px 4px 4px rgb(125, 214,  
223) }
```

Background

The CSS property to change the background color of an element to YIQ 188.4150, -55.9330, -16.0690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 214, 223) }
```

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

```
.background{ background-color: rgb(125,  
214, 223) }
```

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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