

Converting Colors

YIQ(189.6900, -55.9300,
-32.6500)

Have a look what the booklet for
YIQ(189.6900, -55.9300, -32.6500)
contains.

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Color

**YIQ(189.6900, -55.9300,
-32.6500)**

Conversions

Conversions Part 1

Format	Color
Hex	74E2C4
RGB	116, 226, 196
RGB Percent	45%, 89%, 77%
CMY	0.5454, 0.1135, 0.2316
CMYK	0.49, 0.00, 0.13, 0.11
HSL	164°, 66%, 67%
HSV	164°, 49%, 89%
XYZ	44.3599, 62.1091, 61.8446
YIQ	189.6900, -55.9300, -32.6500

Conversions

Conversions Part 2

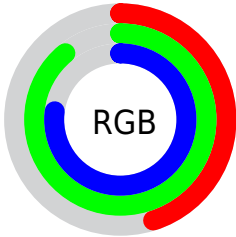
Format	Color
RYB	116, 180, 226
Decimal	7660228
CIELab	82.97, -38.76, 5.01
CIELCh	83, 39.082, 172.637
Yxy	62.1091, 0.2636, 0.3690
Android (android.graphics.Color)	4285850308 (0xFF74E2C4)
YUV	189.6900, 3.1108, -64.6261
Hunter-Lab	78.8094, -37.4430, 8.6395

Details

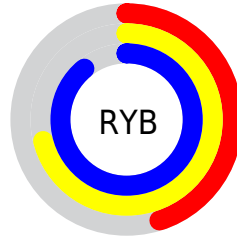
The YIQ color **189.6900, -55.9300, -32.6500** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **152.3100, 55.9300, 32.6500**, and the grayscale version is **190.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **230.5530, -47.6340, -17.7940**, and **132.4230, -59.5520, -33.0880** is the 20% darker color. If you saturate the color by 10%, you get **182.1290, -67.7120, -39.3920**, and if you desaturate by 10%, it is **197.2510, -44.1480, -25.9080**.

Distribution



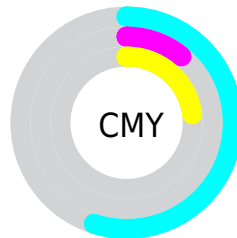
- Red (45%)
- Green (89%)
- Blue (77%)



- Red (45%)
- Yellow (71%)
- Blue (89%)



- Cyan (49%)
- Magenta (0%)
- Yellow (13%)
- Black (11%)



- Cyan (55%)
- Magenta (11%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 189.6900, -55.9300, -32.6500 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 189.6900, -55.9300, -32.6500 by changing the saturation by 10% instead.

■ 189.6900,
-55.9300, -32.6500

■ 189.6900,
-55.9300, -32.6500

■ 255.0000, -0.0000,
-0.0000

■ 161.5050,
-56.8470, -32.5510

■ 230.5530,
-47.6340, -17.7940

■ 132.4230,
-59.5520, -33.0880

■ 239.4520,
-30.9920, -11.0240

■ 99.6710, -72.1140,
-36.7060

■ 248.4220,
-13.1120, -4.6640

■ 79.1670, -61.7070,
-32.5790

■ 61.8700, -47.4490,
-26.6570

■ 44.5730, -33.1910,
-20.7350

■ 28.7920, -20.4460,

-14.9260

■ 10.5660, -4.9500,
-9.4140

■ 0.0000, 0.0000,
0.0000

■ 189.6900,
-55.9300, -32.6500

■ 189.6900,
-55.9300, -32.6500

■ 182.1290,
-67.7120, -39.3920

■ 197.2510,
-44.1480, -25.9080

■ 174.8670,
-78.8980, -45.9220

■ 204.5130,
-32.9620, -19.3780

■ 167.1920,
-90.3590, -52.9750

■ 212.0740,
-21.1800, -12.6360

■ 159.9300,
-101.5450, -59.5050

■ 219.4500,
-10.3150, -5.7950

■ 152.3690,
-113.3270, -66.2470

■ 227.0110, 1.4670,
0.9470

■ 151.3580,
-114.7940, -67.1940

■ 234.5720, 13.2490,
7.6890

■ 236.1530, 13.1110,
10.1910

■ 236.8370, 11.1850,
12.0570

■ 237.6350, 8.9380,
14.2340

Harmonies

Analogous

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



196.8070, -16.7750, -31.9030



189.6900, -55.9300, -32.6500



182.9590, -90.1800, -28.6760

Triad

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



189.6900, -55.9300, -32.6500



205.9710, -18.2510, 16.8930



204.2880, 51.8550, 1.8630

Complementary

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



189.6900, -55.9300, -32.6500



152.3100, 55.9300, 32.6500

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.



202.4250, 44.7000, 15.9000



189.6900, -55.9300, -32.6500



212.3390, 13.4280, 31.9880

Square

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



189.6900, -55.9300, -32.6500



196.5590, -55.7980, -1.9900



206.0560, 33.0980, 27.9300



205.0230, 44.7510, -12.5690

Rectangle

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



189.6900, -55.9300, -32.6500



184.1790, -96.3710, -21.0990



206.0560, 33.0980, 27.9300



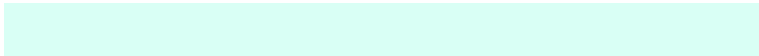
202.9660, 50.0660, 6.7540

Sweetspot

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



189.6900, -55.9300, -32.6500



242.4980, -19.4380, -11.1660



189.8390, -11.7740, -50.9580



120.3250, -11.4610, -7.0530



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.



189.6900, -55.9300, -32.6500



206.1880, -75.3680, -43.8160



179.0220, -58.9600, -10.7680



108.3690, -5.5930, -3.2650



117.9040, -89.4880, -52.2400



32.1660, -24.4350, -14.2190

Inverse Universe

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



152.3100, 55.9300, 32.6500



155.9260, 75.0470, 44.1270



162.9780, 58.9600, 10.7680



104.6310, 5.5930, 3.2650



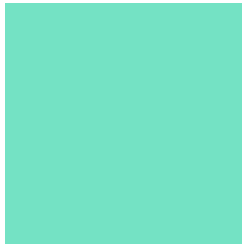
58.0960, 89.4880, 52.2400



15.8340, 24.4350, 14.2190

Previews

White Background



This preview shows how the YIQ color 189.6900, -55.9300, -32.6500 looks on a white background.

Color Contrast Check

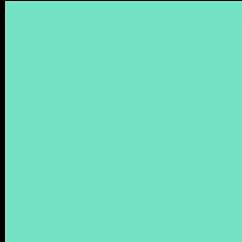
Large Text (above 18pt) WCAG AA × Fail

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 189.6900, -55.9300, -32.6500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

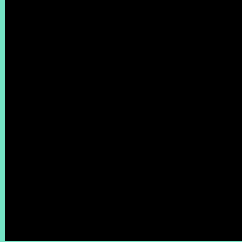
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

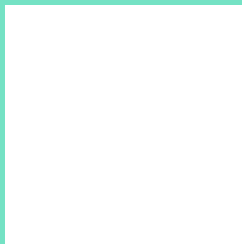
Any Text WCAG AAA ✓ Pass

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

YIQ 189.6900, -55.9300, -32.6500 Background



This preview shows how black text looks on a background with the YIQ color 189.6900, -55.9300, -32.6500.



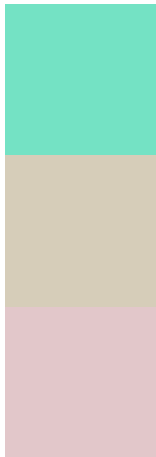
This preview shows how white text looks on a background with the YIQ color 189.6900, -55.9300, -32.6500.

-32.6500.

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

189.6900, -55.9300, -32.6500

Protanopia

205.4110, 11.7840, -4.3120

Deuteranopia

207.4150, 15.1290, 6.6570



Tritanopia

194.5440, -60.6100, -13.9060

Trichromacy



Original Color

189.6900, -55.9300, -32.6500



Protanomaly

199.7990, -13.1560, -14.8840



Deuteranomaly

201.0970, -10.8190, -7.6750



Tritanomaly

192.8120, -58.7290, -20.4650

Monochromacy



Original Color

189.6900, -55.9300, -32.6500



Achromatopsia

190.0000, -0.0000, -0.0000



Achromatomaly

189.7860, -20.3090, -11.9010

CSS Examples

Text

The CSS property to change the color of the text to YIQ 189.6900, -55.9300, -32.6500 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(116, 226, 196)` looks like.

```
.text, #text, p{  
    color:rgb(116, 226, 196)  
}
```

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(116, 226, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 226, 196) }
```

Border

The CSS property to change the border of an element to YIQ 189.6900, -55.9300, -32.6500 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(116, 226, 196) }
```


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

```
.border{ border-color:rgb(116, 226, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 226, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(116, 226, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(116, 226, 196); box-shadow:4px 4px 4px 4px rgb(116, 226, 196) }
```

Background

The CSS property to change the background color of an element to YIQ 189.6900, -55.9300, -32.6500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 226, 196) }
```

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

```
.background{ background-color: rgb(116,  
226, 196) }
```

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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