

Converting Colors

YIQ(206.3890, -53.0440,
-18.8680)

Have a look what the booklet for
YIQ(206.3890, -53.0440, -18.8680)
contains.

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Color

**YIQ(206.3890, -53.0440,
-18.8680)**

Conversions

Conversions Part 1

Format	Color
Hex	90E9E9
RGB	144, 233, 233
RGB Percent	56%, 91%, 91%
CMY	0.4355, 0.0861, 0.0865
CMYK	0.38, 0.00, 0.00, 0.09
HSL	180°, 67%, 74%
HSV	180°, 38%, 91%
XYZ	55.3420, 70.1036, 87.6651
YIQ	206.3890, -53.0440, -18.8680

Conversions

Conversions Part 2

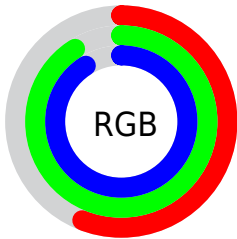
Format	Color
RYB	144, 189, 233
Decimal	9497065
CIELab	87.05, -26.65, -8.39
CIELCh	87, 27.942, 197.476
Yxy	70.1036, 0.2597, 0.3290
Android (android.graphics.Color)	4287687145 (0xFF90E9E9)
YUV	206.3890, 13.1192, -54.7152
Hunter-Lab	83.7279, -28.5398, -3.4685

Details

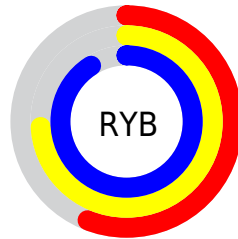
The YIQ color **206.3890, -53.0440, -18.8680** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **170.6110, 53.0440, 18.8680**, and the grayscale version is **206.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **238.8540, -32.1840, -11.4480**, and **150.0900, -53.6400, -19.0800** is the 20% darker color. If you saturate the color by 10%, you get **199.5120, -66.7520, -23.7440**, and if you desaturate by 10%, it is **213.2660, -39.3360, -13.9920**.

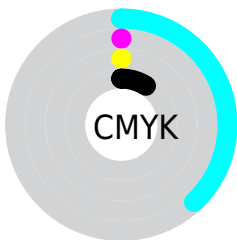
Distribution



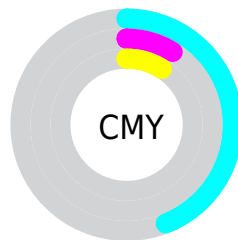
- Red (56%)
- Green (91%)
- Blue (91%)



- Red (56%)
- Yellow (74%)
- Blue (91%)



- Cyan (38%)
- Magenta (0%)
- Yellow (0%)
- Black (9%)



- Cyan (44%)
- Magenta (9%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 206.3890, -53.0440, -18.8680 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 206.3890, -53.0440, -18.8680 by changing the saturation by 10% instead.

■ 206.3890,
-53.0440, -18.8680

■ 206.3890,
-53.0440, -18.8680

■ 255.0000, -0.0000,
-0.0000

■ 178.3890,
-53.0440, -18.8680

■ 238.8540,
-32.1840, -11.4480

■ 150.0900,
-53.6400, -19.0800

■ 247.8240,
-14.3040, -5.0880

■ 122.3070,
-55.7490, -19.4050

■ 93.0180, -62.3050,
-21.7370

■ 69.5130, -59.3250,
-20.6770

■ 52.6890, -45.0210,
-15.5890

■ 35.9790, -31.0380,

-10.1900

■ 22.4320, -19.0720,
-6.7840

■ 0.9120, -2.5680,
2.4880

■ 206.3890,
-53.0440, -18.8680

■ 206.3890,
-53.0440, -18.8680

■ 199.5120,
-66.7520, -23.7440

■ 213.2660,
-39.3360, -13.9920

■ 192.3360,
-81.0560, -28.8320

■ 220.4420,
-25.0320, -8.9040

■ 185.4590,
-94.7640, -33.7080

■ 227.3190,
-11.3240, -4.0280

■ 178.5820,
-108.4720, -38.5840

■ 234.1960, 2.3840,
0.8480

■ 171.4060,
-122.7760, -43.6720

■ 239.5780, 13.1120,
4.6640

■ 164.5290,
-136.4840, -48.5480

■ 163.3330,
-138.8680, -49.3960

Harmonies

Analogous

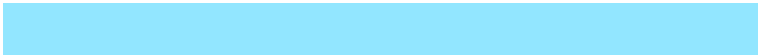
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



208.4050, -32.7780, -22.7140



206.3890, -53.0440, -18.8680



207.7340, -58.0890, -10.0330

Triad

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



206.3890, -53.0440, -18.8680



221.9370, 5.4520, 22.3480



217.6340, 35.9010, -6.3630

Complementary

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



206.3890, -53.0440, -18.8680



170.6110, 53.0440, 18.8680

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.



216.5130, 38.1000, 3.3480



206.3890, -53.0440, -18.8680



219.8650, 23.1500, 20.9900

Square

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



206.3890, -53.0440, -18.8680



217.4670, -17.0120, 10.9560



216.2000, 32.0920, 13.1160



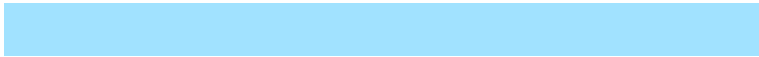
215.1430, 17.9300, -16.5820

Rectangle

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



206.3890, -53.0440, -18.8680



209.8710, -48.0490, -4.7610



216.2000, 32.0920, 13.1160



218.8950, 39.6600, -2.9000

Sweetspot

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



206.3890, -53.0440, -18.8680



246.6280, -16.6880, -5.9360



196.5420, -23.8790, -46.3350



122.8030, -9.8110, -3.9150



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.



206.3890, -53.0440, -18.8680



220.0170, -69.7320, -24.8040



181.1480, -41.2190, 3.6210



113.7110, -6.5560, -2.3320



126.8810, -107.8760, -38.3720



37.7400, -31.8630, -11.7590

Inverse Universe

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



170.6110, 53.0440, 18.8680



172.9830, 69.7320, 24.8040



195.8520, 41.2190, -3.6210



109.2890, 6.5560, 2.3320



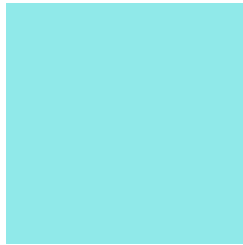
54.1190, 107.8760, 38.3720



16.1460, 32.1840, 11.4480

Previews

White Background



This preview shows how the YIQ color 206.3890, -53.0440, -18.8680 looks on a white background.

Color Contrast Check

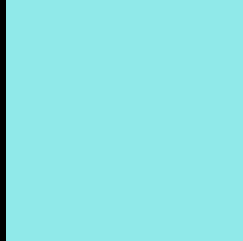
Large Text (above 18pt) WCAG AA × Fail

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 206.3890, -53.0440, -18.8680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

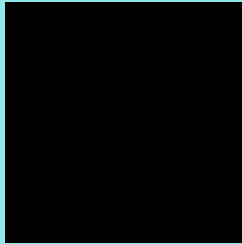
Any Text WCAG AA ✓ Pass

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 206.3890, -53.0440, -18.8680 Background



This preview shows how black text looks on a background with the YIQ color 206.3890, -53.0440, -18.8680.



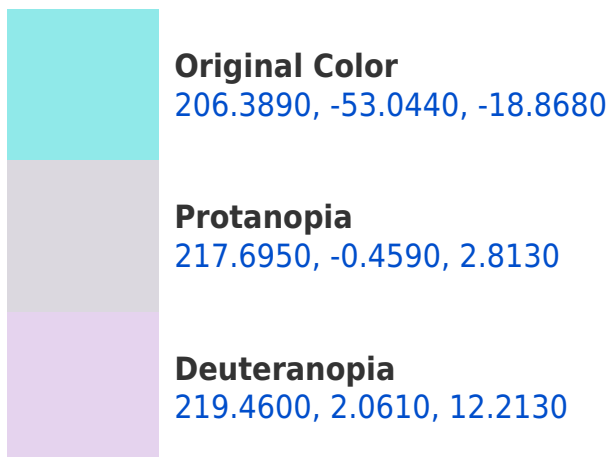
This preview shows how white text looks on a background with the YIQ color 206.3890, -53.0440, -18.8680.

-18.8680.

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





Tritanopia

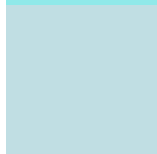
208.2350, -55.2460, -11.9980

Trichromacy



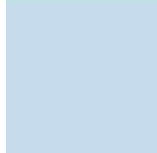
Original Color

206.3890, -53.0440, -18.8680



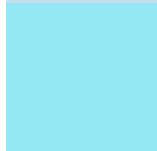
Protanomaly

213.6000, -19.4850, -4.8050



Deuteranomaly

214.6590, -17.9730, 0.8350



Tritanomaly

207.8390, -54.1910, -14.5990

Monochromacy



Original Color

206.3890, -53.0440, -18.8680



Achromatopsia

206.0000, -0.0000, 0.0000



Achromatomaly

206.1330, -19.6680, -6.9960

CSS Examples

Text

The CSS property to change the color of the text to YIQ 206.3890, -53.0440, -18.8680 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(144, 233, 233)` looks like.

```
.text, #text, p{  
    color:rgb(144, 233, 233)  
}
```

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(144, 233, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 233, 233) }
```

Border

The CSS property to change the border of an element to YIQ 206.3890, -53.0440, -18.8680 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(144, 233, 233) }
```


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

```
.border{ border-color:rgb(144, 233, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 233, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 233, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 233, 233);  
box-shadow:4px 4px 4px 4px rgb(144, 233,  
233) }
```

Background

The CSS property to change the background color of an element to YIQ 206.3890, -53.0440, -18.8680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 233, 233) }
```

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

```
.background{ background-color: rgb(144,  
233, 233) }
```

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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