

Converting Colors

YIQ(188.4200, -54.3290,
-12.0970)

Have a look what the booklet for
YIQ(188.4200, -54.3290, -12.0970)
contains.

YIQ(188.4200, -54.3290, -12.0970)	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(188.4200, -54.3290,
-12.0970)**

Conversions

Conversions Part 1

Format	Color
Hex	81D3E4
RGB	129, 211, 228
RGB Percent	51%, 83%, 89%
CMY	0.4943, 0.1724, 0.1061
CMYK	0.43, 0.07, 0.00, 0.11
HSL	190°, 65%, 70%
HSV	190°, 43%, 89%
XYZ	46.3444, 56.8673, 81.8902
YIQ	188.4200, -54.3290, -12.0970

Conversions

Conversions Part 2

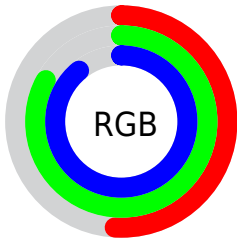
Format	Color
RYB	129, 174, 228
Decimal	8508388
CIELab	80.10, -20.70, -16.18
CIElCh	80, 26.279, 218.012
Yxy	56.8673, 0.2504, 0.3072
Android (android.graphics.Color)	4286698468 (0xFF81D3E4)
YUV	188.4200, 19.5129, -52.1113
Hunter-Lab	75.4104, -22.2688, -11.5973

Details

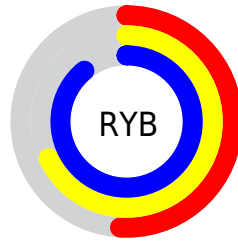
The YIQ color **188.4200, -54.3290, -12.0970** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **168.5800, 54.3290, 12.0970**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.3690, -41.1240, -14.6280**, and **132.8220, -55.5210, -12.5210** is the 20% darker color. If you saturate the color by 10%, you get **179.1950, -66.9370, -14.8810**, and if you desaturate by 10%, it is **197.6450, -41.7210, -9.3130**.

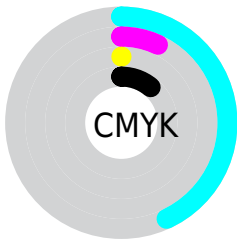
Distribution



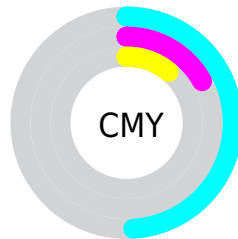
- Red (51%)
- Green (83%)
- Blue (89%)



- Red (51%)
- Yellow (68%)
- Blue (89%)



- Cyan (43%)
- Magenta (7%)
- Yellow (0%)
- Black (11%)



- Cyan (49%)
- Magenta (17%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 188.4200, -54.3290, -12.0970 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 188.4200, -54.3290, -12.0970 by changing the saturation by 10% instead.

■ 188.4200,
-54.3290, -12.0970

■ 188.4200,
-54.3290, -12.0970

■ 255.0000, -0.0000,
-0.0000

■ 160.4200,
-54.3290, -12.0970

■ 234.3690,
-41.1240, -14.6280

■ 132.5230,
-56.1170, -12.7330

■ 243.0400,
-23.8400, -8.4800

■ 104.6150,
-59.3720, -14.3160

■ 252.0100, -5.9600,
-2.1200

■ 75.3150, -67.3950,
-17.5950

■ 57.7900, -52.4950,
-12.2950

■ 41.6670, -38.7870,
-7.4190

■ 26.7180, -25.6290,

-3.5890

■ 4.4800, -9.8590,
7.9730

■ 0.0000, 0.0000,
0.0000

■ 188.4200,
-54.3290, -12.0970

■ 188.4200,
-54.3290, -12.0970

■ 179.1950,
-66.9370, -14.8810

■ 197.6450,
-41.7210, -9.3130

■ 169.9700,
-79.5450, -17.6650

■ 206.8700,
-29.1130, -6.5290

■ 161.0440,
-91.5570, -20.2370

■ 215.7960,
-17.1010, -3.9570

■ 151.8190,
-104.1650, -23.0210

■ 225.0210, -4.4930,
-1.1730

■ 143.1810,
-117.0480, -26.3280

■ 234.2460, 8.1150,
1.6110

■ 136.9350,
-125.1630, -27.9390

■ 239.5950, 14.4420,
2.5860

■ 241.9430, 13.3420,
0.4940

■ 244.2910, 12.2420,
-1.5980

■ 246.6390, 11.1420,
-3.6900

Harmonies

Analogous

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



188.4670, -44.5160, -19.2360



188.4200, -54.3290, -12.0970



192.2780, -47.6370, -1.2130

Triad

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



188.4200, -54.3290, -12.0970



202.8370, 20.3530, 22.1210



196.7030, 22.2850, -12.9070

Complementary

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



188.4200, -54.3290, -12.0970



168.5800, 54.3290, 12.0970

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.



199.3400, 36.9090, -2.6030



188.4200, -54.3290, -12.0970



202.4010, 36.0800, 17.9360

Square

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



188.4200, -54.3290, -12.0970



201.6370, -2.5710, 19.0690



201.2410, 42.0420, 9.0020



193.8790, 1.0580, -19.1820

Rectangle

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



188.4200, -54.3290, -12.0970



196.0780, -35.0300, 7.0980



201.2410, 42.0420, 9.0020



197.6330, 28.4740, -9.4300

Sweetspot

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



188.4200, -54.3290, -12.0970



241.6110, -18.0180, -3.8580



188.9370, -32.3610, -46.8010



119.3730, -11.4160, -2.3600



0.0000, 0.0000, 0.0000



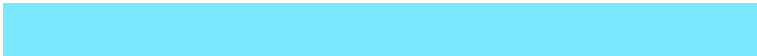
128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



188.4200, -54.3290, -12.0970



201.7320, -72.9430, -16.1670



159.6570, -40.8540, 13.5300



110.2380, -6.6020, -1.4980



107.2820, -98.1590, -21.7350



30.4680, -27.9210, -6.1050

Inverse Universe

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



167.9490, 32.6820, 46.4900



174.3070, 43.9580, 62.4060



197.3430, 40.8540, -13.5300



107.7280, 3.9420, 5.6540



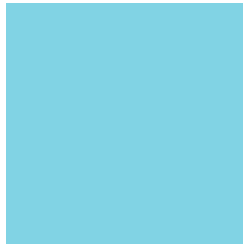
70.3930, 59.1760, 83.9760



20.0370, 16.9140, 23.8740

Previews

White Background



This preview shows how the YIQ color 188.4200, -54.3290, -12.0970 looks on a white background.

Color Contrast Check

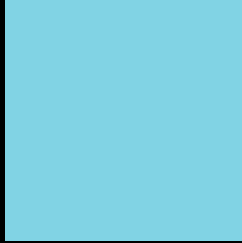
Large Text (above 18pt) WCAG AA × Fail

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 188.4200, -54.3290, -12.0970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

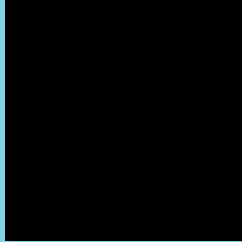
Any Text WCAG AA ✓ Pass

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 188.4200, -54.3290, -12.0970 Background



This preview shows how black text looks on a background with the YIQ color 188.4200, -54.3290, -12.0970.



This preview shows how white text looks on a background with the YIQ color 188.4200, -54.3290, -12.0970.

-12.0970.

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

188.4200, -54.3290, -12.0970

Protanopia

198.2090, -7.6580, 6.6300

Deuteranopia

199.5390, -8.3470, 13.6130



Tritanopia

188.4200, -54.3290, -12.0970

Trichromacy



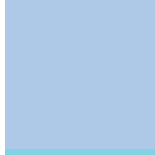
Original Color

188.4200, -54.3290, -12.0970



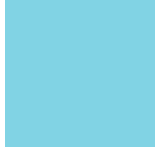
Protanomaly

194.4240, -24.6210, 0.1710



Deuteranomaly

195.7600, -25.4470, 4.1290



Tritanomaly

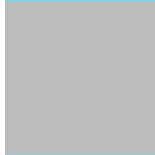
188.4200, -54.3290, -12.0970

Monochromacy



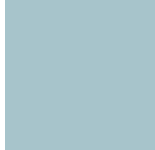
Original Color

188.4200, -54.3290, -12.0970



Achromatopsia

188.0000, 0.0000, 0.0000



Achromatomaly

188.1270, -19.5310, -3.9710

CSS Examples

Text

The CSS property to change the color of the text to YIQ 188.4200, -54.3290, -12.0970 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(129, 211, 228)` looks like.

```
.text, #text, p{  
    color:rgb(129, 211, 228)  
}
```

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(129, 211, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 211, 228) }
```

Border

The CSS property to change the border of an element to YIQ 188.4200, -54.3290, -12.0970 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(129, 211, 228) }
```


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

```
.border{ border-color:rgb(129, 211, 228) }
```

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

Here you see how a box with a 4 pixel rgb(129, 211, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 211, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 211, 228);  
box-shadow:4px 4px 4px 4px rgb(129, 211,  
228) }
```

Background

The CSS property to change the background color of an element to YIQ 188.4200, -54.3290, -12.0970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 211, 228) }
```

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

```
.background{ background-color: rgb(129,  
211, 228) }
```

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