

Converting Colors

YIQ(198.4620, -36.9520,
-13.1440)

Have a look what the booklet for
YIQ(198.4620, -36.9520, -13.1440)
contains.

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Color

**YIQ(198.4620, -36.9520,
-13.1440)**

Conversions

Conversions Part 1

Format	Color
Hex	9BD9D9
RGB	155, 217, 217
RGB Percent	61%, 85%, 85%
CMY	0.3923, 0.1489, 0.1492
CMYK	0.29, 0.00, 0.00, 0.15
HSL	180°, 45%, 73%
HSV	180°, 29%, 85%
XYZ	50.8494, 61.6118, 74.8324
YIQ	198.4620, -36.9520, -13.1440

Conversions

Conversions Part 2

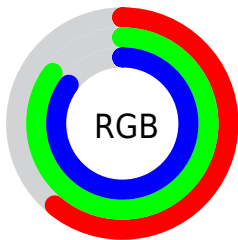
Format	Color
RYB	155, 186, 217
Decimal	10213849
CIELab	82.71, -19.56, -6.31
CIELCh	83, 20.553, 197.892
Yxy	61.6118, 0.2715, 0.3290
Android (android.graphics.Color)	4288403929 (0xFF9BD9D9)
YUV	198.4620, 9.1392, -38.1162
Hunter-Lab	78.4932, -21.7272, -1.5796

Details

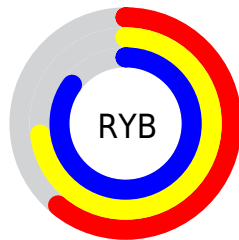
The YIQ color **198.4620, -36.9520, -13.1440** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **173.5380, 36.9520, 13.1440**, and the grayscale version is **198.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **241.8440, -26.2240, -9.3280**, and **143.7610, -36.3560, -12.9320** is the 20% darker color. If you saturate the color by 10%, you get **191.8840, -50.0640, -17.8080**, and if you desaturate by 10%, it is **205.0400, -23.8400, -8.4800**.

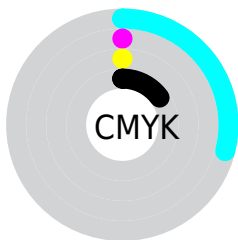
Distribution



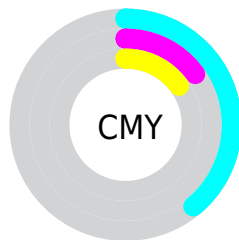
- Red (61%)
- Green (85%)
- Blue (85%)



- Red (61%)
- Yellow (73%)
- Blue (85%)



- Cyan (29%)
- Magenta (0%)
- Yellow (0%)
- Black (15%)



- Cyan (39%)
- Magenta (15%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 198.4620, -36.9520, -13.1440 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 198.4620, -36.9520, -13.1440 by changing the saturation by 10% instead.

■ 198.4620,
-36.9520, -13.1440

■ 198.4620,
-36.9520, -13.1440

■ 255.0000, -0.0000,
-0.0000

■ 170.7610,
-36.3560, -12.9320

■ 241.8440,
-26.2240, -9.3280

■ 143.7610,
-36.3560, -12.9320

■ 250.5150, -8.9400,
-3.1800

■ 117.7610,
-36.3560, -12.9320

■ 91.5760, -37.2730,
-12.8330

■ 65.9670, -39.9320,
-14.2040

■ 43.5760, -37.2730,
-12.8330

■ 28.1540, -24.1610,

-8.1690

■ 12.9600, -11.6910,
-2.8830

■ 0.0000, 0.0000,
0.0000

■ 198.4620,
-36.9520, -13.1440

■ 198.4620,
-36.9520, -13.1440

■ 191.8840,
-50.0640, -17.8080

■ 205.0400,
-23.8400, -8.4800

■ 185.6050,
-62.5800, -22.2600

■ 211.3190,
-11.3240, -4.0280

■ 179.0270,
-75.6920, -26.9240

■ 217.8970, 1.7880,
0.6360

■ 172.4490,
-88.8040, -31.5880

■ 224.4750, 14.9000,
5.3000

■ 165.8710,
-101.9160, -36.2520

■ 228.3620, 22.6480,
8.0560

■ 159.5920,
-114.4320, -40.7040

■ 153.0140,
-127.5440, -45.3680

■ 152.1170,
-129.3320, -46.0040

Harmonies

Analogous

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



199.7700, -23.3800, -16.8200



198.4620, -36.9520, -13.1440



199.8240, -40.6670, -6.3870

Triad

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



198.4620, -36.9520, -13.1440



208.7640, 4.2610, 16.3970



206.0120, 26.0890, -4.7510

Complementary

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



198.4620, -36.9520, -13.1440



173.5380, 36.9520, 13.1440

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.



207.7020, 33.1940, 4.1540



198.4620, -36.9520, -13.1440



209.5610, 20.9500, 16.8060

Square

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



198.4620, -36.9520, -13.1440



206.8370, -15.1780, 10.7580



209.3740, 31.5420, 12.0700



203.8530, 13.1150, -11.9170

Rectangle

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



198.4620, -36.9520, -13.1440



202.1500, -35.5330, -0.3090



209.3740, 31.5420, 12.0700



206.8600, 29.5730, -1.8110

Sweetspot

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



198.4620, -36.9520, -13.1440



248.1230, -13.7080, -4.8760



191.6930, -16.4540, -32.2140



123.4010, -8.6190, -3.4910



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.



198.4620, -36.9520, -13.1440



228.9870, -51.8520, -18.4440



180.8520, -28.7020, 2.5460



106.7110, -6.5560, -2.3320



121.2730, -103.1080, -36.6760



32.2460, -27.4160, -9.7520

Inverse Universe

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



173.5380, 36.9520, 13.1440



194.0130, 51.8520, 18.4440



191.1480, 28.7020, -2.5460



102.2890, 6.5560, 2.3320



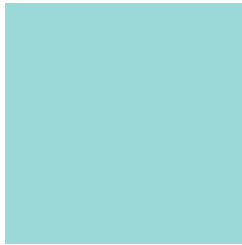
51.7270, 103.1080, 36.6760



13.7540, 27.4160, 9.7520

Previews

White Background



This preview shows how the YIQ color 198.4620, -36.9520, -13.1440 looks on a white background.

Color Contrast Check

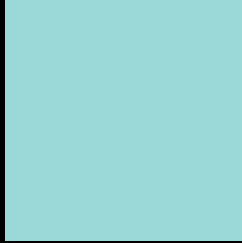
Large Text (above 18pt) WCAG AA × Fail

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 198.4620, -36.9520, -13.1440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

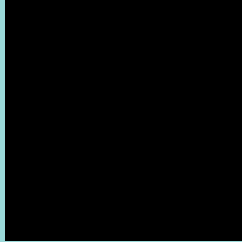
Any Text WCAG AA ✓ Pass

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 198.4620, -36.9520, -13.1440 Background



This preview shows how black text looks on a background with the YIQ color 198.4620, -36.9520, -13.1440.



This preview shows how white text looks on a background with the YIQ color 198.4620, -36.9520, -13.1440.

-13.1440.

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

198.4620, -36.9520, -13.1440

Protanopia

205.4670, 0.1830, 2.1910

Deuteranopia

207.1890, 4.2620, 10.8700



Tritanopia

199.8950, -39.4290, -6.7970

Trichromacy



Original Color

198.4620, -36.9520, -13.1440

Protanomaly

203.0630, -13.4790, -3.5190

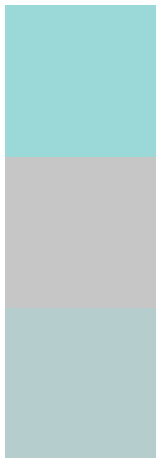
Deuteranomaly

204.3070, -11.0500, 2.0220

Tritanomaly

199.6130, -38.6950, -9.0870

Monochromacy



Original Color

198.4620, -36.9520, -13.1440

Achromatopsia

198.0000, -0.0000, 0.0000

Achromatomaly

198.1230, -13.7080, -4.8760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 198.4620, -36.9520, -13.1440 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(155, 217, 217)` looks like.

```
.text, #text, p{  
    color:rgb(155, 217, 217)  
}
```

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(155, 217, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 217, 217) }
```

Border

The CSS property to change the border of an element to YIQ 198.4620, -36.9520, -13.1440 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(155, 217, 217) }
```


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

```
.border{ border-color:rgb(155, 217, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 217, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 217, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 217, 217);  
box-shadow:4px 4px 4px 4px rgb(155, 217,  
217) }
```

Background

The CSS property to change the background color of an element to YIQ 198.4620, -36.9520, -13.1440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 217, 217) }
```

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

```
.background{ background-color: rgb(155,  
217, 217) }
```

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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