

Converting Colors

YIQ(141.9770, -98.6180,
-18.9220)

Have a look what the booklet for
YIQ(141.9770, -98.6180, -18.9220)
contains.

YIQ(141.9770, -98.6180, -18.9220)	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(141.9770, -98.6180,
-18.9220)**

Conversions

Conversions Part 1

Format	Color
Hex	24B5DB
RGB	36, 181, 219
RGB Percent	14%, 71%, 86%
CMY	0.8591, 0.2899, 0.1416
CMYK	0.84, 0.17, 0.00, 0.14
HSL	192°, 72%, 50%
HSV	192°, 84%, 86%
XYZ	30.0330, 38.5550, 72.8027
YIQ	141.9770, -98.6180, -18.9220

Conversions

Conversions Part 2

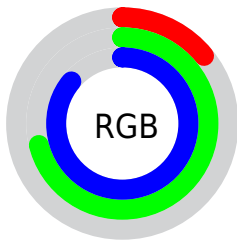
Format	Color
RYB	36, 117, 219
Decimal	2405851
CIELab	68.43, -23.36, -29.32
CIELCh	68, 37.487, 231.463
Yxy	38.5550, 0.2124, 0.2727
Android (android.graphics.Color)	4280595931 (0xFF24B5DB)
YUV	141.9770, 37.9723, -92.9418
Hunter-Lab	62.0927, -22.3251, -26.0518

Details

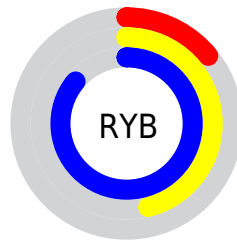
The YIQ color **141.9770, -98.6180, -18.9220** is a dark color, and the websafe version is hex **33CCFF**. The color can be described as middle washed azure. A complement of this color would be **113.0230, 98.6180, 18.9220**, and the grayscale version is **142.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **202.5740, -78.4900, -20.2660**, and **93.8320, -87.8440, -15.9400** is the 20% darker color. If you saturate the color by 10%, you get **133.0510, -110.6300, -21.4940**, and if you desaturate by 10%, it is **151.4900, -86.8810, -16.8730**.

Distribution



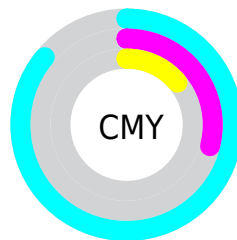
- Red (14%)
- Green (71%)
- Blue (86%)



- Red (14%)
- Yellow (46%)
- Blue (86%)



- Cyan (84%)
- Magenta (17%)
- Yellow (0%)
- Black (14%)



- Cyan (86%)
- Magenta (29%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 141.9770, -98.6180, -18.9220 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 141.9770, -98.6180, -18.9220 by changing the saturation by 10% instead.

■ 141.9770,
-98.6180, -18.9220

■ 141.9770,
-98.6180, -18.9220

■ 255.0000, -0.0000,
-0.0000

■ 112.1720,
-103.6610, -21.1410

■ 202.5740,
-78.4900, -20.2660

■ 93.8320, -87.8440,
-15.9400

■ 222.7080,
-64.3680, -22.8960

■ 76.0790, -72.3020,
-11.2620

■ 231.9770,
-45.8920, -16.3240

■ 58.5540, -57.4020,
-5.9620

■ 241.2460,
-27.4160, -9.7520

■ 42.2030, -43.0520,
-1.7080

■ 250.5150, -8.9400,
-3.1800

■ 27.8410, -30.1690,
1.5990

■ 6.5490, -14.3070,

11.4930

■ 2.8670, -6.6950,
5.6970

■ 0.0000, 0.0000,
0.0000

■ 141.9770,
-98.6180, -18.9220

■ 141.9770,
-98.6180, -18.9220

■ 133.0510,
-110.6300, -21.4940

■ 151.4900,
-86.8810, -16.8730

■ 127.1040,
-118.1490, -22.8930

■ 160.4160,
-74.8690, -14.3010

■ 169.9290,
-63.1320, -12.2520

■ 178.5560,
-51.7160, -9.8920

■ 188.0690,
-39.9790, -7.8430

■ 196.9950,
-27.9670, -5.2710

■ 206.5080,
-16.2300, -3.2220

■ 215.4340, -4.2180,
-0.6500

■ 224.9470, 7.5190,
1.3990

Harmonies

Analogous

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



138.3280, -95.7730, -31.9410



141.9770, -98.6180, -18.9220



158.0130, -62.7680, 3.1840

Triad

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



141.9770, -98.6180, -18.9220



170.6330, 38.7830, 29.5270



161.7420, 17.3810, -23.1550

Complementary

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



141.9770, -98.6180, -18.9220



113.0230, 98.6180, 18.9220

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.



165.1090, 41.6330, -11.1270



141.9770, -98.6180, -18.9220



169.4370, 53.5940, 19.9140

Square

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



141.9770, -98.6180, -18.9220



171.0890, 11.1360, 29.4720



167.5380, 54.1470, 4.3790



157.0570, -14.4830, -29.3870

Rectangle

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



141.9770, -98.6180, -18.9220



165.5650, -37.5990, 15.1130



167.5380, 54.1470, 4.3790



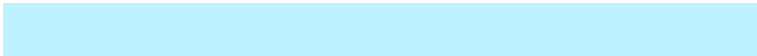
163.1130, 26.6420, -20.2860

Sweetspot

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



141.9770, -98.6180, -18.9220



228.2330, -34.5690, -6.7690



147.6390, -62.2020, -84.2020



111.6430, -21.0440, -4.0840



0.0000, 0.0000, 0.0000



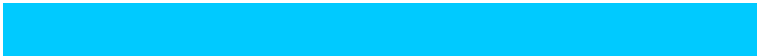
128.0000, -0.0000, -0.0000

Same Dimension

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



141.9770, -98.6180, -18.9220



147.6440, -137.4050, -26.3410



89.1470, -73.8680, 28.1480



104.9500, -5.7310, -0.7630



100.7280, -93.4830, -18.3710



26.3760, -24.6660, -4.5220

Inverse Universe

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



107.2470, 62.5230, 83.8910



99.2730, 87.1380, 116.8820



165.8530, 73.8680, -28.1480



103.2010, 3.9880, 4.8200



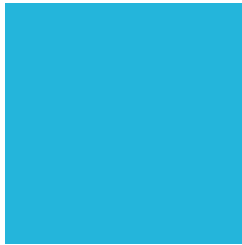
67.4590, 58.8100, 79.5940



17.8580, 15.8600, 20.9480

Previews

White Background



This preview shows how the YIQ color 141.9770, -98.6180, -18.9220 looks on a white background.

Color Contrast Check

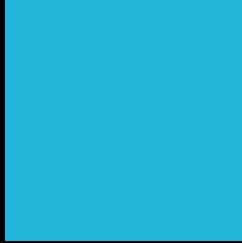
Large Text (above 18pt) WCAG AA × Fail

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 141.9770, -98.6180, -18.9220 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 141.9770, -98.6180, -18.9220 Background



This preview shows how black text looks on a background with the YIQ color 141.9770, -98.6180, -18.9220.

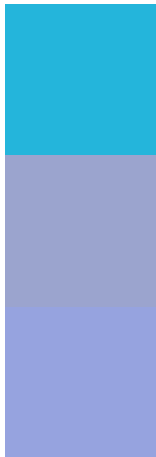


This preview shows how white text looks on a background with the YIQ color 141.9770, -98.6180, -18.9220.

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

141.9770, -98.6180, -18.9220

Protanopia

166.0970, -18.8460, 11.1540

Deuteranopia

165.9530, -27.0080, 15.9040



Tritanopia

130.6940, -114.4790, -34.3430

Trichromacy



Original Color

141.9770, -98.6180, -18.9220



Protanomaly

157.3320, -47.7290, 0.4550



Deuteranomaly

157.6890, -53.0480, 3.2400



Tritanomaly

134.7920, -108.7030, -28.8870

Monochromacy



Original Color

141.9770, -98.6180, -18.9220



Achromatopsia

142.0000, -0.0000, -0.0000



Achromatomaly

141.7490, -36.0820, -6.8820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 141.9770, -98.6180, -18.9220 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(36, 181, 219)` looks like.

```
.text, #text, p{  
    color:rgb(36, 181, 219)  
}
```

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(36, 181, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 181, 219) }
```

Border

The CSS property to change the border of an element to YIQ 141.9770, -98.6180, -18.9220 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(36, 181, 219) }
```


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

```
.border{ border-color:rgb(36, 181, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 181, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 181, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 181, 219);  
box-shadow:4px 4px 4px 4px rgb(36, 181,  
219) }
```

Background

The CSS property to change the background color of an element to YIQ 141.9770, -98.6180, -18.9220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 181, 219) }
```

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

```
.background{ background-color: rgb(36, 181,  
219) }
```

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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