

Converting Colors

YIQ(145.9900, -91.4650,
-21.9050)

Have a look what the booklet for
YIQ(145.9900, -91.4650, -21.9050)
contains.

YIQ(145.9900, -91.4650, -21.9050)	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(145.9900, -91.4650,
-21.9050)**

Conversions

Conversions Part 1

Format	Color
Hex	2DB9D2
RGB	45, 185, 210
RGB Percent	18%, 73%, 82%
CMY	0.8238, 0.2743, 0.1768
CMYK	0.79, 0.12, 0.00, 0.18
HSL	189°, 65%, 50%
HSV	189°, 79%, 82%
XYZ	30.0606, 39.9269, 67.0314
YIQ	145.9900, -91.4650, -21.9050

Conversions

Conversions Part 2

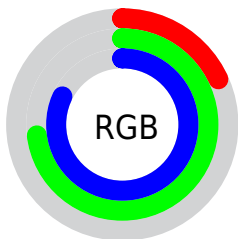
Format	Color
R_{YB}	45, 121, 210
Decimal	2996690
CIE _{Lab}	69.42, -27.52, -22.87
CIE _{LCh}	69, 35.778, 219.727
Yxy	39.9269, 0.2194, 0.2914
Android (android.graphics.Color)	4281186770 (0xFF2DB9D2)
YUV	145.9900, 31.5569, -88.5682
Hunter-Lab	63.1878, -25.6599, -18.6651

Details

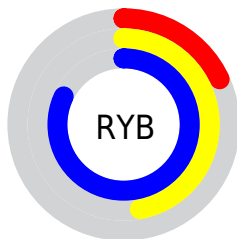
The YIQ color **145.9900, -91.4650, -21.9050** is a dark color, and the websafe version is hex **66CCCC**. The color can be described as middle washed azure. A complement of this color would be **109.0100, 91.4650, 21.9050**, and the grayscale version is **146.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **205.8190, -77.8020, -21.7220**, and **95.1540, -86.0550, -20.8310** is the 20% darker color. If you saturate the color by 10%, you get **137.9500, -103.1560, -24.7880**, and if you desaturate by 10%, it is **154.0300, -79.7740, -19.0220**.

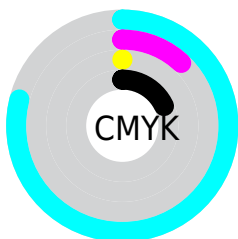
Distribution



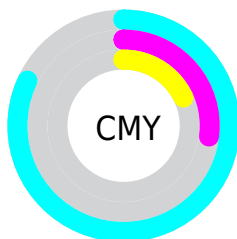
- Red (18%)
- Green (73%)
- Blue (82%)



- Red (18%)
- Yellow (47%)
- Blue (82%)



- Cyan (79%)
- Magenta (12%)
- Yellow (0%)
- Black (18%)



- Cyan (82%)
- Magenta (27%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 145.9900, -91.4650, -21.9050 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 145.9900, -91.4650, -21.9050 by changing the saturation by 10% instead.

■ 145.9900,
-91.4650, -21.9050

■ 145.9900,
-91.4650, -21.9050

■ 255.0000, -0.0000,
-0.0000

■ 113.4940,
-101.8720, -26.0320

■ 205.8190,
-77.8020, -21.7220

■ 95.1540, -86.0550,
-20.8310

■ 223.3060,
-63.1760, -22.4720

■ 76.9280, -70.5590,
-15.3190

■ 232.5750,
-44.7000, -15.9000

■ 59.9900, -55.9340,
-10.5420

■ 241.8440,
-26.2240, -9.3280

■ 43.1660, -41.6300,
-5.4540

■ 251.1130, -7.7480,
-2.7560

■ 28.2170, -28.4720,
-1.6240

■ 5.2780, -12.1060,

10.1500

■ 1.2540, -3.5310,
3.4210

■ 0.0000, 0.0000,
0.0000

■ 145.9900,
-91.4650, -21.9050

■ 145.9900,
-91.4650, -21.9050

■ 137.9500,
-103.1560, -24.7880

■ 154.0300,
-79.7740, -19.0220

■ 129.9100,
-114.8470, -27.6710

■ 162.0700,
-68.0830, -16.1390

■ 128.4260,
-116.3600, -27.7840

■ 170.6970,
-56.6670, -13.7790

■ 178.7370,
-44.9760, -10.8960

■ 186.7770,
-33.2850, -8.0130

■ 194.8170,
-21.5940, -5.1300

■ 202.8570, -9.9030,
-2.2470

■ 210.8970, 1.7880,
0.6360

■ 219.5240, 13.2040,
2.9960

Harmonies

Analogous

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



149.3110, -70.7400, -28.5640



145.9900, -91.4650, -21.9050



157.3060, -71.2030, -3.6430

Triad

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



145.9900, -91.4650, -21.9050



174.3590, 27.8710, 29.0470



166.4660, 27.1460, -18.4060

Complementary

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



145.9900, -91.4650, -21.9050



109.0100, 91.4650, 21.9050

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.



169.1360, 46.1710, -5.2610



145.9900, -91.4650, -21.9050



173.0220, 47.6330, 23.3210

Square

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



145.9900, -91.4650, -21.9050



173.1520, -2.3430, 25.9530



171.3410, 53.5040, 10.5280



162.5810, -1.2790, -26.3910

Rectangle

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



145.9900, -91.4650, -21.9050



165.0040, -49.3810, 8.3710



171.3410, 53.5040, 10.5280



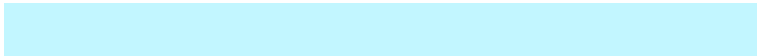
166.9940, 34.5270, -14.5050

Sweetspot

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



145.9900, -91.4650, -21.9050



231.4780, -33.8810, -8.2250



144.7050, -53.4000, -78.5200



113.4150, -20.4020, -4.7060



0.0000, 0.0000, 0.0000



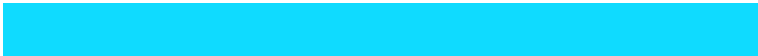
128.0000, -0.0000, -0.0000

Same Dimension

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



145.9900, -91.4650, -21.9050



162.1080, -133.1400, -32.0520



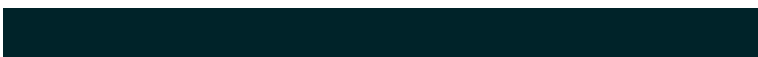
97.8560, -68.9150, 20.9810



100.5370, -6.0060, -1.2860



103.0930, -93.2530, -22.5410



25.2190, -22.7860, -5.5540

Inverse Universe

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



110.2950, 53.4000, 78.5200



110.0160, 77.5560, 114.3240



157.1440, 68.9150, -20.9810



98.3150, 3.6670, 5.1310



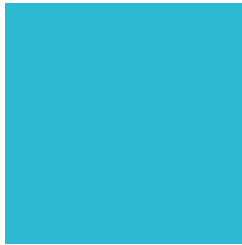
66.5340, 54.2250, 80.0890



16.2490, 13.2010, 19.5770

Previews

White Background



This preview shows how the YIQ color 145.9900, -91.4650, -21.9050 looks on a white background.

Color Contrast Check

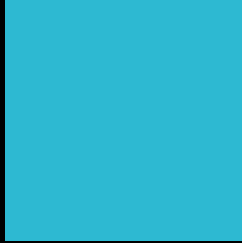
Large Text (above 18pt) WCAG AA × Fail

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 145.9900, -91.4650, -21.9050 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 145.9900, -91.4650, -21.9050 Background



This preview shows how black text looks on a background with the YIQ color 145.9900, -91.4650, -21.9050.



This preview shows how white text looks on a background with the YIQ color 145.9900, -91.4650, -21.9050.

-21.9050.

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

145.9900, -91.4650, -21.9050

Protanopia

168.9250, -12.6100, 8.2700

Deuteranopia

169.0910, -18.7090, 14.1790



Tritanopia

142.9740, -94.5360, -26.8240

Trichromacy



Original Color

145.9900, -91.4650, -21.9050

Protanomaly

160.7470, -41.7680, -2.9520

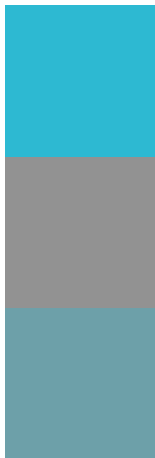
Deuteranomaly

160.5280, -45.3450, 1.3030

Tritanomaly

144.2130, -93.7110, -25.2550

Monochromacy



Original Color

145.9900, -91.4650, -21.9050

Achromatopsia

146.0000, -0.0000, -0.0000

Achromatomaly

145.7770, -33.2850, -8.0130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 145.9900, -91.4650, -21.9050 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(45, 185, 210)` looks like.

```
.text, #text, p{  
    color:rgb(45, 185, 210)  
}
```

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(45, 185, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 185, 210) }
```

Border

The CSS property to change the border of an element to YIQ 145.9900, -91.4650, -21.9050 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(45, 185, 210) }
```


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

```
.border{ border-color:rgb(45, 185, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 185, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 185, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 185, 210);  
box-shadow:4px 4px 4px 4px rgb(45, 185,  
210) }
```

Background

The CSS property to change the background color of an element to YIQ 145.9900, -91.4650, -21.9050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 185, 210) }
```

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

```
.background{ background-color: rgb(45, 185,  
210) }
```

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