

Converting Colors

YIQ(145.1210, -90.4560,
-23.6720)

Have a look what the booklet for
YIQ(145.1210, -90.4560, -23.6720)
contains.

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Color

**YIQ(145.1210, -90.4560,
-23.6720)**

Conversions

Conversions Part 1

Format	Color
Hex	2CB9CD
RGB	44, 185, 205
RGB Percent	17%, 73%, 80%
CMY	0.8277, 0.2743, 0.1964
CMYK	0.79, 0.10, 0.00, 0.20
HSL	187°, 65%, 49%
HSV	187°, 79%, 80%
XYZ	29.4045, 39.6596, 63.8025
YIQ	145.1210, -90.4560, -23.6720

Conversions

Conversions Part 2

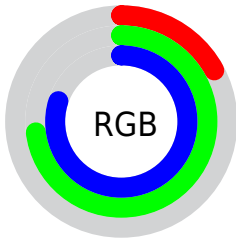
Format	Color
<code>RYB</code>	<code>44, 119, 205</code>
Decimal	<code>2931149</code>
CIELab	<code>69.23, -29.19, -20.42</code>
CIELCh	<code>69, 35.624, 214.974</code>
Yxy	<code>39.6596, 0.2213, 0.2985</code>
Android (<code>android.graphics.Color</code>)	<code>4281121229 (0xFF2CB9CD)</code>
YUV	<code>145.1210, 29.5203, -88.6831</code>
Hunter-Lab	<code>62.9758, -26.8631, -15.9852</code>

Details

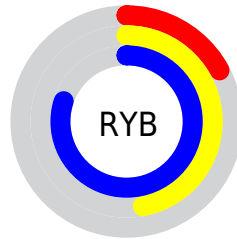
The YIQ color **145.1210, -90.4560, -23.6720** is a dark color, and the websafe version is hex **66CCCC**. The color can be described as middle muted azure. A complement of this color would be **103.8790, 90.4560, 23.6720**, and the grayscale version is **145.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **205.5200, -78.3980, -21.9340**, and **94.1110, -84.4960, -21.5520** is the 20% darker color. If you saturate the color by 10%, you get **137.6680, -102.4220, -27.0780**, and if you desaturate by 10%, it is **152.8620, -79.3610, -21.0010**.

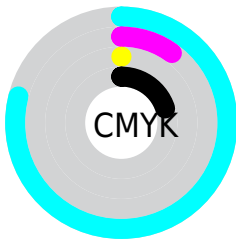
Distribution



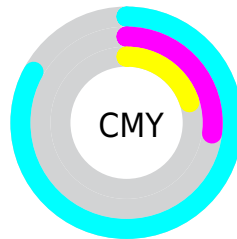
- Red (17%)
- Green (73%)
- Blue (80%)



- Red (17%)
- Yellow (47%)
- Blue (80%)



- Cyan (79%)
- Magenta (10%)
- Yellow (0%)
- Black (20%)



- Cyan (83%)
- Magenta (27%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 145.1210, -90.4560, -23.6720 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 145.1210, -90.4560, -23.6720 by changing the saturation by 10% instead.

■ 145.1210,
-90.4560, -23.6720

■ 145.1210,
-90.4560, -23.6720

■ 255.0000, -0.0000,
-0.0000

■ 112.9240,
-100.2670, -27.5870

■ 205.5200,
-78.3980, -21.9340

■ 94.6980, -84.7710,
-22.0750

■ 223.0070,
-63.7720, -22.6840

■ 76.4720, -69.2750,
-16.5630

■ 232.2760,
-45.2960, -16.1120

■ 58.9470, -54.3750,
-11.2630

■ 241.2460,
-27.4160, -9.7520

■ 42.7100, -40.3460,
-6.6980

■ 250.5150, -8.9400,
-3.1800

■ 27.7610, -27.1880,
-2.8680

■ 4.8220, -10.8220,

8.9060

■ 0.4560, -1.2840,
1.2440

■ 0.0000, 0.0000,
0.0000

■ 145.1210,
-90.4560, -23.6720

■ 145.1210,
-90.4560, -23.6720

■ 137.6680,
-102.4220, -27.0780

■ 152.8620,
-79.3610, -21.0010

■ 129.9270,
-113.5170, -29.7490

■ 160.3150,
-67.3950, -17.5950

■ 129.0300,
-115.3050, -30.3850

■ 168.0560,
-56.3000, -14.9240

■ 175.5090,
-44.3340, -11.5180

■ 183.2500,
-33.2390, -8.8470

■ 190.7030,
-21.2730, -5.4410

■ 198.4440,
-10.1780, -2.7700

■ 205.8970, 1.7880,
0.6360

■ 213.6380, 12.8830,
3.3070

Harmonies

Analogous

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



149.8340, -64.9630, -28.6350



145.1210, -90.4560, -23.6720



154.8600, -75.8790, -7.0070

Triad

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



145.1210, -90.4560, -23.6720



173.3200, 23.6070, 29.2310



166.3740, 30.4010, -16.8230

Complementary

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



145.1210, -90.4560, -23.6720



103.8790, 90.4560, 23.6720

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.



169.0870, 47.8670, -2.9570



145.1210, -90.4560, -23.6720



172.4070, 45.1110, 24.9750

Square

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



145.1210, -90.4560, -23.6720



172.4610, -7.7070, 24.0450



170.9220, 53.3660, 13.0300



162.7450, 4.1310, -25.3170

Rectangle

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



145.1210, -90.4560, -23.6720



162.7860, -54.6990, 5.6290



170.9220, 53.3660, 13.0300



167.3150, 38.0570, -12.3990

Sweetspot

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



145.1210, -90.4560, -23.6720



232.0650, -34.1560, -8.7480



140.6730, -50.3740, -78.2940



114.0020, -20.6770, -5.2290



0.0000, 0.0000, 0.0000



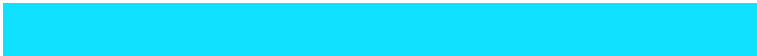
128.0000, -0.0000, -0.0000

Same Dimension

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



145.1210, -90.4560, -23.6720



165.6300, -134.7900, -35.1900



98.7480, -68.7310, 17.6450



98.4230, -5.6850, -1.5970



104.0390, -93.1610, -24.2090



24.2900, -21.5480, -5.9640

Inverse Universe

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



108.2130, 50.6950, 77.9830



110.7000, 75.6300, 116.1900



150.2520, 68.7310, -17.6450



96.0160, 3.0710, 4.9190



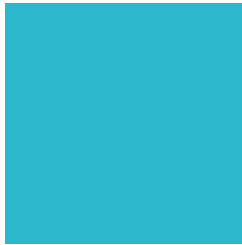
66.1640, 52.3910, 80.2870



15.2380, 11.7340, 18.6300

Previews

White Background



This preview shows how the YIQ color 145.1210, -90.4560, -23.6720 looks on a white background.

Color Contrast Check

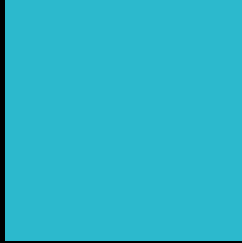
Large Text (above 18pt) WCAG AA × Fail

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 145.1210, -90.4560, -23.6720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

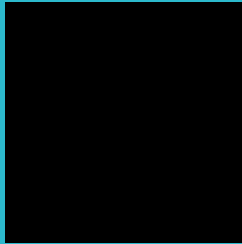
Any Text WCAG AA ✓ Pass

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 145.1210, -90.4560, -23.6720 Background



This preview shows how black text looks on a background with the YIQ color 145.1210, -90.4560, -23.6720.



This preview shows how white text looks on a background with the YIQ color 145.1210, -90.4560, -23.6720.

-23.6720.

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

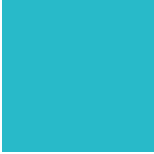
145.1210, -90.4560, -23.6720

Protanopia

168.0670, -10.1340, 7.4500

Deuteranopia

168.9450, -15.3620, 14.0940



Tritanopia

144.0560, -91.8310, -26.2870

Trichromacy



Original Color

145.1210, -90.4560, -23.6720

Protanomaly

159.8890, -39.2920, -3.7720

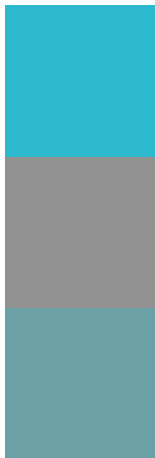
Deuteranomaly

160.5560, -42.5480, 0.1720

Tritanomaly

144.4690, -91.5560, -25.7640

Monochromacy



Original Color

145.1210, -90.4560, -23.6720

Achromatopsia

145.0000, 0.0000, -0.0000

Achromatomaly

145.2500, -33.2390, -8.8470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 145.1210, -90.4560, -23.6720 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(44, 185, 205)` looks like.

```
.text, #text, p{  
    color:rgb(44, 185, 205)  
}
```

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(44, 185, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 185, 205) }
```

Border

The CSS property to change the border of an element to YIQ 145.1210, -90.4560, -23.6720 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(44, 185, 205) }
```


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

```
.border{ border-color:rgb(44, 185, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 185, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 185, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 185, 205);  
box-shadow:4px 4px 4px 4px rgb(44, 185,  
205) }
```

Background

The CSS property to change the background color of an element to YIQ 145.1210, -90.4560, -23.6720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 185, 205) }
```

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

```
.background{ background-color: rgb(44, 185,  
205) }
```

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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