

Converting Colors

YIQ(144.2250, -75.6490,
-11.1770)

Have a look what the booklet for
YIQ(144.2250, -75.6490, -11.1770)
contains.

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Color

**YIQ(144.2250, -75.6490,
-11.1770)**

Conversions

Conversions Part 1

Format	Color
Hex	41ACD1
RGB	65, 172, 209
RGB Percent	25%, 67%, 82%
CMY	0.7453, 0.3253, 0.1807
CMYK	0.69, 0.18, 0.00, 0.18
HSL	195°, 61%, 54%
HSV	195°, 69%, 82%
XYZ	28.4354, 35.2433, 65.5711
YIQ	144.2250, -75.6490, -11.1770

Conversions

Conversions Part 2

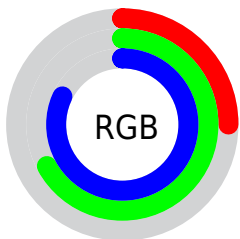
Format	Color
RYB	65, 126, 209
Decimal	4304081
CIELab	65.94, -18.77, -27.62
CIELCh	66, 33.397, 235.801
Yxy	35.2433, 0.2200, 0.2727
Android (android.graphics.Color)	4282494161 (0xFF41ACD1)
YUV	144.2250, 31.9341, -69.4803
Hunter-Lab	59.3661, -18.3920, -23.9308

Details

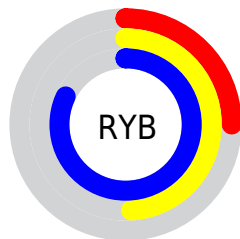
The YIQ color **144.2250, -75.6490, -11.1770** is a light color, and the websafe version is hex **0099CC**. The color can be described as light muted azure. A complement of this color would be **129.7750, 75.6490, 11.1770**, and the grayscale version is **144.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **200.8900, -67.3960, -12.0680**, and **87.9960, -82.4340, -14.8660** is the 20% darker color. If you saturate the color by 10%, you get **135.0110, -86.7900, -13.0140**, and if you desaturate by 10%, it is **153.4390, -64.5080, -9.3400**.

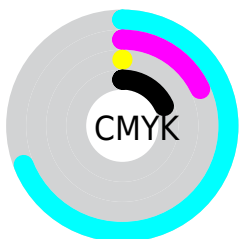
Distribution



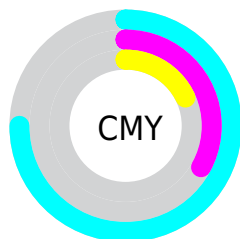
- Red (25%)
- Green (67%)
- Blue (82%)



- Red (25%)
- Yellow (49%)
- Blue (82%)



- Cyan (69%)
- Magenta (18%)
- Yellow (0%)
- Black (18%)



- Cyan (75%)
- Magenta (33%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 144.2250, -75.6490, -11.1770 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 144.2250, -75.6490, -11.1770 by changing the saturation by 10% instead.

■ 144.2250,
-75.6490, -11.1770

■ 144.2250,
-75.6490, -11.1770

■ 255.0000, -0.0000,
-0.0000

■ 110.8320,
-87.8440, -15.9400

■ 201.4770,
-67.6710, -12.5910

■ 87.9960, -82.4340,
-14.8660

■ 226.2960,
-57.2160, -20.3520

■ 70.3570, -67.2130,
-9.8770

■ 235.2660,
-39.3360, -13.9920

■ 53.4190, -52.5880,
-5.1000

■ 244.2360,
-21.4560, -7.6320

■ 37.1820, -38.5590,
-0.5350

■ 253.5050, -2.9800,
-1.0600

■ 23.4070, -25.9510,
2.2490

■ 5.0500, -11.4640,

9.5280

■ 0.9120, -2.5680,
2.4880

■ 0.0000, 0.0000,
0.0000

■ 144.2250,
-75.6490, -11.1770

■ 144.2250,
-75.6490, -11.1770

■ 135.0110,
-86.7900, -13.0140

■ 153.4390,
-64.5080, -9.3400

■ 125.2100,
-97.6560, -14.3280

■ 163.2400,
-53.6420, -8.0260

■ 115.9960,
-108.7970, -16.1650

■ 172.4540,
-42.5010, -6.1890

■ 114.8110,
-109.7140, -16.0660

■ 181.6680,
-31.3600, -4.3520

■ 191.1700,
-21.0900, -3.2500

■ 200.3840, -9.9490,
-1.4130

■ 209.5980, 1.1920,
0.4240

■ 219.3990, 12.0580,
1.7380

■ 228.6130, 23.1990,
3.5750

Harmonies

Analogous

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



139.6510, -77.3890, -23.7010



144.2250, -75.6490, -11.1770



154.4230, -49.2430, 5.8690

Triad

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



144.2250, -75.6490, -11.1770



164.2150, 36.9040, 25.0320



155.4580, 12.4290, -21.5150

Complementary

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



144.2250, -75.6490, -11.1770



129.7750, 75.6490, 11.1770

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.



158.5750, 34.3890, -12.0030



144.2250, -75.6490, -11.1770



162.5780, 48.6430, 16.0270

Square

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



144.2250, -75.6490, -11.1770



164.6500, 13.7500, 26.1500



160.9500, 46.9950, 1.8350



151.4960, -17.0970, -26.0650

Rectangle

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



144.2250, -75.6490, -11.1770



160.3550, -28.2000, 15.4800



160.9500, 46.9950, 1.8350



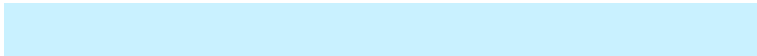
156.6440, 20.7730, -18.5470

Sweetspot

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



144.2250, -75.6490, -11.1770



230.6360, -28.3340, -4.1260



153.6320, -51.1560, -64.1160



113.1490, -16.5970, -2.0770



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.



144.2250, -75.6490, -11.1770



159.9140, -111.5020, -16.7020



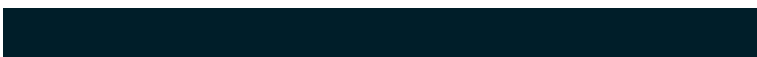
102.5480, -56.1240, 25.9560



99.9500, -5.7310, -0.7630



92.5270, -88.3030, -13.1270



22.2840, -21.4110, -2.9390

Inverse Universe

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



120.2540, 51.4770, 63.8050



124.4000, 75.6340, 94.0820



171.4520, 56.1240, -25.9560



98.2010, 3.9880, 4.8200



64.4820, 60.0030, 74.4910



15.6790, 14.8060, 18.0220

Previews

White Background



This preview shows how the YIQ color 144.2250, -75.6490, -11.1770 looks on a white background.

Color Contrast Check

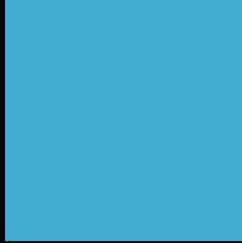
Large Text (above 18pt) WCAG AA × Fail

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 144.2250, -75.6490, -11.1770 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 144.2250, -75.6490, -11.1770 Background



This preview shows how black text looks on a background with the YIQ color 144.2250, -75.6490, -11.1770.



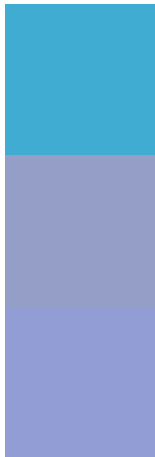
This preview shows how white text looks on a background with the YIQ color 144.2250, -75.6490, -11.1770.

-11.1770.

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

144.2250, -75.6490, -11.1770

Protanopia

159.8690, -18.2040, 10.5320

Deuteranopia

159.6820, -24.8070, 14.5610



Tritanopia

140.2320, -77.5270, -21.1990

Trichromacy



Original Color

144.2250, -75.6490, -11.1770

Protanomaly

153.9910, -39.3390, 2.5890

Deuteranomaly

153.8320, -43.1450, 5.4870

Tritanomaly

141.6390, -77.1150, -17.6510

Monochromacy



Original Color

144.2250, -75.6490, -11.1770

Achromatopsia

144.0000, -0.0000, 0.0000

Achromatomaly

143.9350, -27.7380, -3.9140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 144.2250, -75.6490, -11.1770 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(65, 172, 209)` looks like.

```
.text, #text, p{  
    color:rgb(65, 172, 209)  
}
```

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(65, 172, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 172, 209) }
```

Border

The CSS property to change the border of an element to YIQ 144.2250, -75.6490, -11.1770 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(65, 172, 209) }
```


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

```
.border{ border-color:rgb(65, 172, 209) }
```

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

Here you see how a box with a 4 pixel rgb(65, 172, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 172, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 172, 209);  
box-shadow:4px 4px 4px 4px rgb(65, 172,  
209) }
```

Background

The CSS property to change the background color of an element to YIQ 144.2250, -75.6490, -11.1770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 172, 209) }
```

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

```
.background{ background-color: rgb(65, 172,  
209) }
```

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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