

Converting Colors

YIQ(146.6640, -78.2630,
-7.8550)

Have a look what the booklet for
YIQ(146.6640, -78.2630, -7.8550)
contains.

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Color

**YIQ(146.6640, -78.2630,
-7.8550)**

Conversions

Conversions Part 1

Format	Color
Hex	43ADDC
RGB	67, 173, 220
RGB Percent	26%, 68%, 86%
CMY	0.7374, 0.3214, 0.1376
CMYK	0.70, 0.21, 0.00, 0.14
HSL	198°, 69%, 56%
HSV	198°, 70%, 86%
XYZ	30.1695, 36.2582, 73.0571
YIQ	146.6640, -78.2630, -7.8550

Conversions

Conversions Part 2

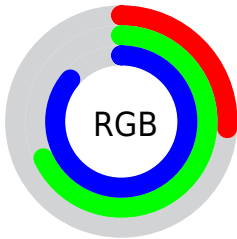
Format	Color
R_{YB}	67, 130, 220
Decimal	4435420
CIE _{Lab}	66.72, -15.47, -32.48
CIE _{LCh}	67, 35.970, 244.536
Yxy	36.2582, 0.2163, 0.2599
Android (android.graphics.Color)	4282625500 (0xFF43ADDC)
YUV	146.6640, 36.1546, -69.8653
Hunter-Lab	60.2148, -15.9416, -29.7848

Details

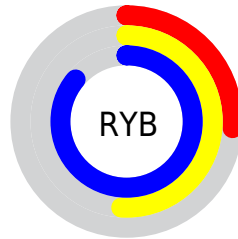
The YIQ color **146.6640, -78.2630, -7.8550** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **140.3360, 78.2630, 7.8550**, and the grayscale version is **146.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **202.3740, -65.8830, -11.9550**, and **89.8370, -86.2400, -11.9680** is the 20% darker color. If you saturate the color by 10%, you get **135.9770, -89.4500, -8.8580**, and if you desaturate by 10%, it is **157.3510, -67.0760, -6.8520**.

Distribution



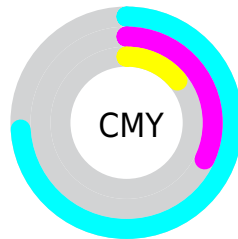
- Red (26%)
- Green (68%)
- Blue (86%)



- Red (26%)
- Yellow (51%)
- Blue (86%)



- Cyan (70%)
- Magenta (21%)
- Yellow (0%)
- Black (14%)



- Cyan (74%)
- Magenta (32%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 146.6640, -78.2630, -7.8550 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 146.6640, -78.2630, -7.8550 by changing the saturation by 10% instead.

■ 146.6640,
-78.2630, -7.8550

■ 146.6640,
-78.2630, -7.8550

■ 255.0000, -0.0000,
-0.0000

■ 113.2710,
-90.4580, -12.6180

■ 202.3740,
-65.8830, -11.9550

■ 89.8370, -86.2400,
-11.9680

■ 227.1930,
-55.4280, -19.7160

■ 72.0840, -70.6980,
-7.2900

■ 236.1630,
-37.5480, -13.3560

■ 55.1460, -56.0730,
-2.5130

■ 245.4320,
-19.0720, -6.7840

■ 39.3820, -41.9980,
1.2180

■ 254.4020, -1.1920,
-0.4240

■ 24.9060, -28.7940,
4.2140

■ 6.5490, -14.3070,

11.4930

■ 2.8670, -6.6950,
5.6970

■ 0.0000, 0.0000,
0.0000

■ 146.6640,
-78.2630, -7.8550

■ 146.6640,
-78.2630, -7.8550

■ 135.9770,
-89.4500, -8.8580

■ 157.3510,
-67.0760, -6.8520

■ 125.8770,
-100.9120, -10.3840

■ 168.0380,
-55.8890, -5.8490

■ 115.1900,
-112.0990, -11.3870

■ 178.1380,
-44.4270, -4.3230

■ 114.8910,
-112.6950, -11.5990

■ 188.8250,
-33.2400, -3.3200

■ 199.5120,
-22.0530, -2.3170

■ 209.6120,
-10.5910, -0.7910

■ 220.2990, 0.5960,
0.2120

■ 230.9860, 11.7830,
1.2150

■ 238.6830, 17.0100,
0.0980

Harmonies

Analogous

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



134.5330, -97.6080, -26.2160



146.6640, -78.2630, -7.8550



159.1080, -43.7420, 10.8020

Triad

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



146.6640, -78.2630, -7.8550



165.5210, 44.7900, 25.2860



155.7450, 4.1310, -25.3170

Complementary

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



146.6640, -78.2630, -7.8550



140.3360, 78.2630, 7.8550

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.



159.6730, 30.9970, -16.6110



146.6640, -78.2630, -7.8550



163.9220, 53.3660, 13.0300

Square

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



146.6640, -78.2630, -7.8550



167.0210, 23.0110, 29.0190



162.2010, 47.5460, -2.6460



150.4560, -28.7880, -28.9480

Rectangle

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



146.6640, -78.2630, -7.8550



164.0080, -19.6730, 20.6390



162.2010, 47.5460, -2.6460



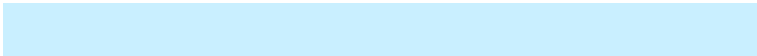
156.8880, 14.0340, -23.0700

Sweetspot

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



146.6640, -78.2630, -7.8550



229.4620, -27.7840, -3.0800



162.0550, -56.8410, -65.7130



112.5620, -16.3220, -1.5540



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.



146.6640, -78.2630, -7.8550



153.4570, -108.4770, -10.9490



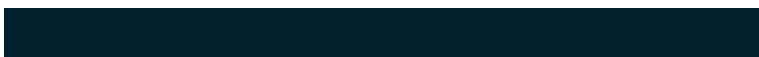
102.6390, -57.6380, 31.3700



104.3630, -5.4560, -0.2400



90.1620, -88.5330, -8.9570



24.0280, -23.5660, -2.4300

Inverse Universe

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



124.8310, 57.1620, 65.4020



123.1460, 79.1650, 90.6610



184.3610, 57.6380, -31.3700



103.0870, 4.3090, 4.5090



65.4070, 64.5880, 73.9960



17.4020, 17.1440, 19.7040

Previews

White Background



This preview shows how the YIQ color 146.6640, -78.2630, -7.8550 looks on a white background.

Color Contrast Check

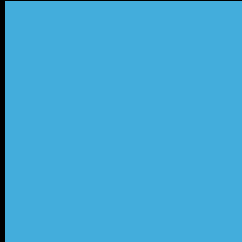
Large Text (above 18pt) WCAG AA × Fail

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 146.6640, -78.2630, -7.8550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

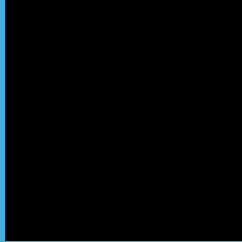
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 146.6640, -78.2630, -7.8550

Background



This preview shows how black text looks on a background with the YIQ color 146.6640, -78.2630, -7.8550.



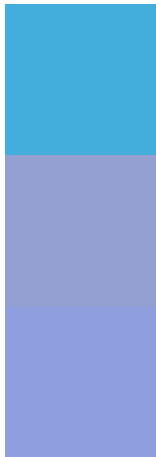
This preview shows how white text looks on a background with the YIQ color 146.6640, -78.2630, -7.8550.

-7.8550.

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

146.6640, -78.2630, -7.8550

Protanopia

161.5250, -22.9270, 13.5290

Deuteranopia

160.9140, -31.2720, 16.0880



Tritanopia

140.7260, -81.9740, -23.2060

Trichromacy



Original Color

146.6640, -78.2630, -7.8550

Protanomaly

156.2450, -42.8700, 6.0100

Deuteranomaly

155.6620, -48.4180, 7.4380

Tritanomaly

142.7850, -80.4620, -17.5660

Monochromacy



Original Color

146.6640, -78.2630, -7.8550

Achromatopsia

147.0000, -0.0000, 0.0000

Achromatomaly

146.6900, -28.4260, -2.4580

CSS Examples

Text

The CSS property to change the color of the text to YIQ 146.6640, -78.2630, -7.8550 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(67, 173, 220)` looks like.

```
.text, #text, p{  
    color:rgb(67, 173, 220)  
}
```

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(67, 173, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 173, 220) }
```

Border

The CSS property to change the border of an element to YIQ 146.6640, -78.2630, -7.8550 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(67, 173, 220) }
```


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

```
.border{ border-color:rgb(67, 173, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 173, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 173, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 173, 220);  
box-shadow:4px 4px 4px 4px rgb(67, 173,  
220) }
```

Background

The CSS property to change the background color of an element to YIQ 146.6640, -78.2630, -7.8550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 173, 220) }
```

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

```
.background{ background-color: rgb(67, 173,  
220) }
```

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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