

Converting Colors

YIQ(144.7100, -31.1780, 3.3660)

Have a look what the booklet for
YIQ(144.7100, -31.1780, 3.3660)
contains.

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Color

**YIQ(144.7100, -31.1780,
3.3660)**

Conversions

Conversions Part 1

Format	Color
Hex	7597B9
RGB	117, 151, 185
RGB Percent	46%, 59%, 73%
CMY	0.5412, 0.4078, 0.2747
CMYK	0.37, 0.18, 0.00, 0.27
HSL	210°, 33%, 59%
HSV	210°, 37%, 73%
XYZ	27.1559, 29.4199, 50.1251
YIQ	144.7100, -31.1780, 3.3660

Conversions

Conversions Part 2

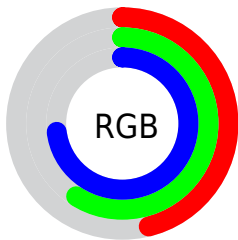
Format	Color
RYB	117, 140, 185
Decimal	7706553
CIELab	61.15, -3.23, -21.41
CIELCh	61, 21.653, 261.422
Yxy	29.4199, 0.2545, 0.2757
Android (android.graphics.Color)	4285896633 (0xFF7597B9)
YUV	144.7100, 19.8630, -24.3017
Hunter-Lab	54.2401, -5.5521, -16.8238

Details

The YIQ color **144.7100, -31.1780, 3.3660** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **157.2900, 31.1780, -3.3660**, and the grayscale version is **145.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **198.9380, -31.8200, 3.9880**, and **93.1830, -31.1320, 2.5320** is the 20% darker color. If you saturate the color by 10%, you get **133.7460, -40.0270, 4.0450**, and if you desaturate by 10%, it is **155.3750, -22.9250, 2.4750**.

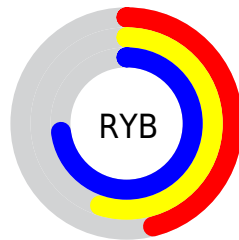
Distribution



Red (46%)

Green (59%)

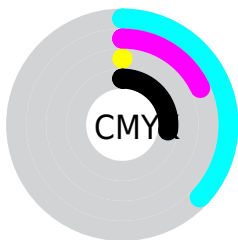
Blue (73%)



Red (46%)

Yellow (55%)

Blue (73%)

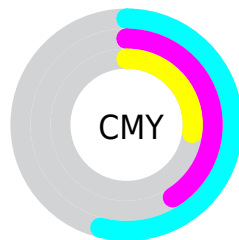


Cyan (37%)

Magenta (18%)

Yellow (0%)

Black (27%)



Cyan (54%)

Magenta (41%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 144.7100, -31.1780, 3.3660 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 144.7100, -31.1780, 3.3660 by changing the saturation by 10% instead.

■ 144.7100,
-31.1780, 3.3660

■ 144.7100,
-31.1780, 3.3660

■ 255.0000, -0.0000,
-0.0000

■ 118.5960,
-30.8570, 3.0550

■ 198.9380,
-31.8200, 3.9880

■ 93.1830, -31.1320,
2.5320

■ 225.3420,
-27.3260, -0.3660

■ 68.3570, -31.6820,
1.4860

■ 246.9270,
-16.0920, -5.7240

■ 43.4380, -36.4040,
-1.0440

■ 26.0970, -28.0140,
1.0900

■ 9.5010, -14.3520,
6.8000

■ 2.1830, -4.7690,

3.8310

■ 0.0000, 0.0000,
0.0000

■ 144.7100,
-31.1780, 3.3660

■ 144.7100,
-31.1780, 3.3660

■ 133.7460,
-40.0270, 4.0450

■ 155.3750,
-22.9250, 2.4750

■ 123.0810,
-48.2800, 4.9360

■ 166.3390,
-14.0760, 1.7960

■ 111.5300,
-56.8540, 6.1380

■ 177.5910, -6.0980,
0.3820

■ 100.8650,
-65.1070, 7.0290

■ 188.5550, 2.7510,
-0.2970

■ 90.2000, -73.3600,
7.9200

■ 199.2200, 11.0040,
-1.1880

■ 79.2360, -82.2090,
8.5990

■ 210.1840, 19.8530,
-1.8670

■ 75.6810, -84.9600,
8.8960

■ 221.4360, 27.8310,
-3.2810

■ 229.4100, 30.7200,
-6.0800

■ 234.6930, 28.2450,
-10.7870

Harmonies

Analogous

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



140.7530, -41.9050, -5.9770



144.7100, -31.1780, 3.3660



148.7340, -13.3900, 11.3940

Triad

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



144.7100, -31.1780, 3.3660



149.8470, 31.5880, 11.2360



142.3820, -7.6080, -16.3120

Complementary

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



144.7100, -31.1780, 3.3660



157.2900, 31.1780, -3.3660

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.



145.3580, 10.1350, -12.9770



144.7100, -31.1780, 3.3660



148.5770, 32.0480, 2.8960

Square

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



144.7100, -31.1780, 3.3660



150.6320, 22.1880, 16.3960



147.0010, 24.6220, -5.6980



140.2150, -26.1310, -16.5230

Rectangle

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



144.7100, -31.1780, 3.3660



150.0840, 0.3640, 15.4360



147.0010, 24.6220, -5.6980



143.6170, -0.9600, -15.6480

Sweetspot

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



144.7100, -31.1780, 3.3660



224.2960, -12.5170, 1.0750



160.6780, -29.2930, -25.3010



110.5200, -7.3360, 0.7920



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



144.7100, -31.1780, 3.3660



177.1950, -48.6010, 5.2470



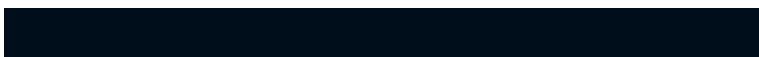
125.3390, -22.1030, 20.6250



86.3740, -3.9890, 0.7070



63.5700, -71.5260, 7.7220



11.4100, -12.8380, 1.3860

Inverse Universe

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



141.2080, 29.6140, 24.9900



171.7360, 46.1630, 38.9550



176.6610, 22.1030, -20.6250



86.1470, 4.0800, 3.1520



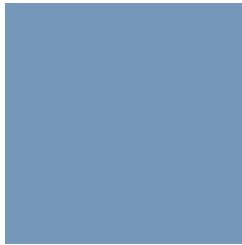
55.5360, 67.9380, 57.3300



9.9680, 12.1940, 10.2900

Previews

White Background



This preview shows how the YIQ color 144.7100, -31.1780, 3.3660 looks on a white background.

Color Contrast Check

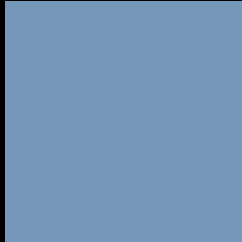
Large Text (above 18pt) WCAG AA ✓ Pass

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 144.7100, -31.1780, 3.3660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

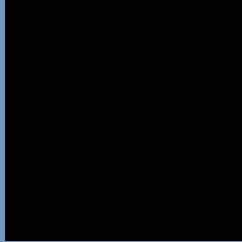
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 144.7100, -31.1780, 3.3660

Background



This preview shows how black text looks on a background with the YIQ color 144.7100, -31.1780, 3.3660.



This preview shows how white text looks on a background with the YIQ color 144.7100, -31.1780,

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

144.7100, -31.1780, 3.3660

Protanopia

147.8970, -15.4070, 9.4010

Deuteranopia

147.8910, -15.2700, 12.4260



Tritanopia

142.9240, -29.2050, -4.8610

Trichromacy



Original Color

144.7100, -31.1780, 3.3660

Protanomaly

146.7930, -21.0460, 6.9700

Deuteranomaly

146.9610, -21.4590, 8.9490

Tritanomaly

143.7330, -29.9850, -1.7370

Monochromacy



Original Color

144.7100, -31.1780, 3.3660

Achromatopsia

145.0000, 0.0000, -0.0000

Achromatomaly

144.8940, -11.3250, 1.4990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 144.7100, -31.1780, 3.3660 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(117, 151, 185)` looks like.

```
.text, #text, p{  
    color:rgb(117, 151, 185)  
}
```

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(117, 151, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 151, 185) }
```

Border

The CSS property to change the border of an element to YIQ 144.7100, -31.1780, 3.3660 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(117, 151, 185) }
```


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

```
.border{ border-color:rgb(117, 151, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 151, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 151, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 151, 185);  
box-shadow:4px 4px 4px 4px rgb(117, 151,  
185) }
```

Background

The CSS property to change the background color of an element to YIQ 144.7100, -31.1780, 3.3660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 151, 185) }
```

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

```
.background{ background-color: rgb(117,  
151, 185) }
```

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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