

Converting Colors

YIQ(176.1270, -36.7260, 4.7940)

Have a look what the booklet for
YIQ(176.1270, -36.7260, 4.7940)
contains.

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Color

**YIQ(176.1270, -36.7260,
4.7940)**

Conversions

Conversions Part 1

Format	Color
Hex	90B7E1
RGB	144, 183, 225
RGB Percent	56%, 72%, 88%
CMY	0.4353, 0.2823, 0.1178
CMYK	0.36, 0.19, 0.00, 0.12
HSL	211°, 57%, 72%
HSV	211°, 36%, 88%
XYZ	42.0199, 45.2353, 77.7182
YIQ	176.1270, -36.7260, 4.7940

Conversions

Conversions Part 2

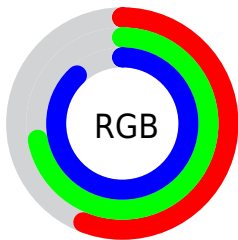
Format	Color
RYB	144, 170, 225
Decimal	9484257
CIELab	73.05, -2.92, -25.21
CIElCh	73, 25.379, 263.386
Yxy	45.2353, 0.2547, 0.2742
Android (android.graphics.Color)	4287674337 (0xFF90B7E1)
YUV	176.1270, 24.0944, -28.1754
Hunter-Lab	67.2572, -6.1796, -21.4318

Details

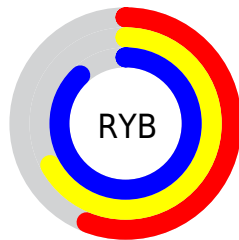
The YIQ color $176.1270, -36.7260, 4.7940$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $192.8730, 36.7260, -4.7940$, and the grayscale version is $176.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $229.1630, -28.3800, -3.2920$, and $122.6000, -36.6800, 3.9600$ is the 20% darker color. If you saturate the color by 10%, you get $162.2060, -47.1340, 6.1940$, and if you desaturate by 10%, it is $189.7490, -26.9140, 3.1820$.

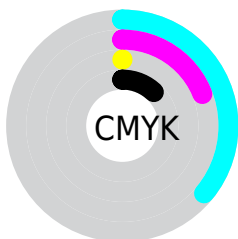
Distribution



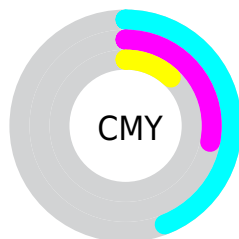
- Red (56%)
- Green (72%)
- Blue (88%)



- Red (56%)
- Yellow (67%)
- Blue (88%)



- Cyan (36%)
- Magenta (19%)
- Yellow (0%)
- Black (12%)



- Cyan (44%)
- Magenta (28%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 176.1270, -36.7260, 4.7940 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 176.1270, -36.7260, 4.7940 by changing the saturation by 10% instead.

■ 176.1270,
-36.7260, 4.7940

■ 176.1270,
-36.7260, 4.7940

■ 255.0000, -0.0000,
-0.0000

■ 149.0130,
-36.4050, 4.4830

■ 229.1630,
-28.3800, -3.2920

■ 122.6000,
-36.6800, 3.9600

■ 247.2260,
-15.4960, -5.5120

■ 97.0730, -36.6340,
3.1260

■ 71.6490, -38.3760,
1.6560

■ 44.5340, -45.4820,
-1.7220

■ 29.5850, -32.3240,
2.1080

■ 14.6360, -19.1660,

5.9380

■ 3.4370, -8.3000,
7.2520

■ 0.0000, 0.0000,
0.0000

■ 176.1270,
-36.7260, 4.7940

■ 176.1270,
-36.7260, 4.7940

■ 162.2060,
-47.1340, 6.1940

■ 189.7490,
-26.9140, 3.1820

■ 149.1710,
-57.2210, 7.2830

■ 203.0830,
-16.2310, 2.3050

■ 135.2500,
-67.6290, 8.6830

■ 216.7050, -6.4190,
0.6930

■ 121.6280,
-77.4410, 10.2950

■ 230.6260, 3.9890,
-0.7070

■ 108.5930,
-87.5280, 11.3840

■ 243.3620, 13.4800,
-2.0080

■ 94.6720, -97.9360,
12.7840

■ 250.4060, 10.1800,
-8.2840

■ 89.0460,
-101.9250, 13.4910

■ 251.5800, 9.6300,
-9.3300

Harmonies

Analogous

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



170.8490, -50.9830, -6.6550



176.1270, -36.7260, 4.7940



180.6570, -14.4910, 14.8290

Triad

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



176.1270, -36.7260, 4.7940



182.0220, 38.4650, 13.2570



173.3060, -10.4500, -19.8740

Complementary

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



176.1270, -36.7260, 4.7940



192.8730, 36.7260, -4.7940

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.



175.8480, 11.5110, -15.8890



176.1270, -36.7260, 4.7940



180.3990, 38.4210, 3.0370

Square

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



176.1270, -36.7260, 4.7940



183.1490, 28.1020, 19.3500



178.5730, 28.7030, -8.0730



170.1000, -33.2370, -19.9010

Rectangle

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



176.1270, -36.7260, 4.7940



182.6760, 1.6930, 18.8850



178.5730, 28.7030, -8.0730



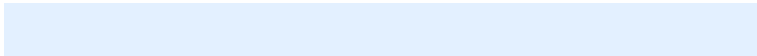
174.7260, -2.8850, -19.3090

Sweetspot

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



176.1270, -36.7260, 4.7940



237.8230, -12.5630, 1.9090



196.3350, -35.7570, -29.3010



117.6340, -7.6570, 1.1030



0.0000, 0.0000, 0.0000



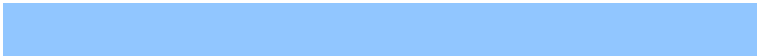
128.0000, -0.0000, -0.0000

Same Dimension

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



176.1270, -36.7260, 4.7940



188.6510, -49.8850, 6.4910



153.5330, -25.4050, 25.4030



105.1890, -4.9060, 0.8060



69.9590, -79.8710, 10.2810



18.9730, -21.7330, 2.8990

Inverse Universe

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



172.6650, 35.7570, 29.3010



183.9320, 48.5470, 39.8030



215.4670, 25.4050, -25.4030



104.8590, 4.9510, 3.8870



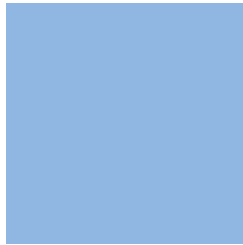
62.3140, 77.6110, 63.7470



16.9740, 21.2250, 17.3290

Previews

White Background



This preview shows how the YIQ color 176.1270, -36.7260, 4.7940 looks on a white background.

Color Contrast Check

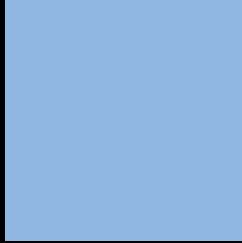
Large Text (above 18pt) WCAG AA × Fail

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 176.1270, -36.7260, 4.7940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

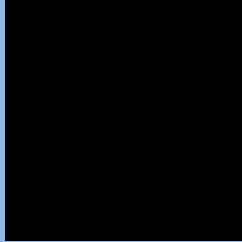
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

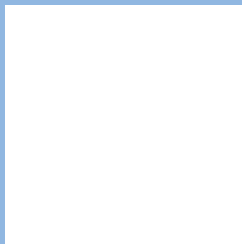
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 176.1270, -36.7260, 4.7940

Background



This preview shows how black text looks on a background with the YIQ color 176.1270, -36.7260, 4.7940.



This preview shows how white text looks on a background with the YIQ color 176.1270, -36.7260,

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

176.1270, -36.7260, 4.7940

Protanopia

179.6240, -18.8920, 11.9880

Deuteranopia

179.7320, -19.0760, 15.3240



Tritanopia

174.0590, -34.0190, -5.7230

Trichromacy



Original Color

176.1270, -36.7260, 4.7940

Protanomaly

178.2210, -25.1270, 9.3450

Deuteranomaly

178.3890, -25.5400, 11.3240

Tritanomaly

174.9820, -35.1200, -2.2880

Monochromacy



Original Color

176.1270, -36.7260, 4.7940

Achromatopsia

176.0000, -0.0000, -0.0000

Achromatomaly

176.2250, -13.7550, 1.4850

CSS Examples

Text

The CSS property to change the color of the text to YIQ 176.1270, -36.7260, 4.7940 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(144, 183, 225)` looks like.

```
.text, #text, p{  
    color:rgb(144, 183, 225)  
}
```

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(144, 183, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 183, 225) }
```

Border

The CSS property to change the border of an element to YIQ 176.1270, -36.7260, 4.7940 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(144, 183, 225) }
```


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

```
.border{ border-color:rgb(144, 183, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 183, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 183, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 183, 225);  
box-shadow:4px 4px 4px 4px rgb(144, 183,  
225) }
```

Background

The CSS property to change the background color of an element to YIQ 176.1270, -36.7260, 4.7940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 183, 225) }
```

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

```
.background{ background-color: rgb(144,  
183, 225) }
```

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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