

Converting Colors

YIQ(182.5840, -39.7510,
-0.9590)

Have a look what the booklet for
YIQ(182.5840, -39.7510, -0.9590)
contains.

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Color

**YIQ(182.5840, -39.7510,
-0.9590)**

Conversions

Conversions Part 1

Format	Color
Hex	90C2E1
RGB	144, 194, 225
RGB Percent	56%, 76%, 88%
CMY	0.4354, 0.2391, 0.1178
CMYK	0.36, 0.14, 0.00, 0.12
HSL	203°, 57%, 72%
HSV	203°, 36%, 88%
XYZ	44.3779, 49.9537, 78.5041
YIQ	182.5840, -39.7510, -0.9590

Conversions

Conversions Part 2

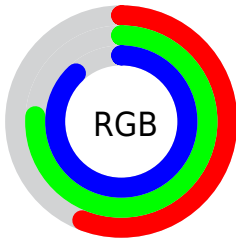
Format	Color
RYB	144, 175, 225
Decimal	9487073
CIELab	76.04, -8.83, -20.65
CIElCh	76, 22.458, 246.837
Yxy	49.9537, 0.2568, 0.2890
Android (android.graphics.Color)	4287677153 (0xFF90C2E1)
YUV	182.5840, 20.9111, -33.8382
Hunter-Lab	70.6779, -11.6081, -16.3806

Details

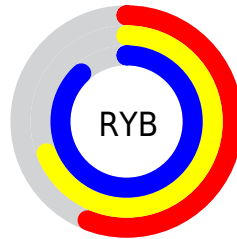
The YIQ color $182.5840, -39.7510, -0.9590$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $186.4160, 39.7510, 0.9590$, and the grayscale version is $182.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $235.6200, -31.4050, -9.0450$, and $128.4700, -39.4300, -1.2700$ is the 20% darker color. If you saturate the color by 10%, you get $170.4240, -50.9840, -1.1280$, and if you desaturate by 10%, it is $194.4450, -29.1140, -1.0020$.

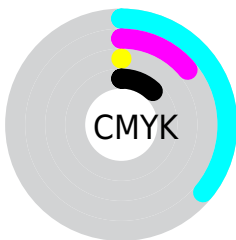
Distribution



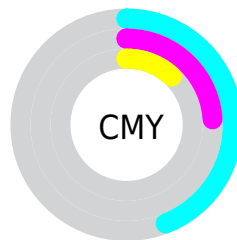
- Red (56%)
- Green (76%)
- Blue (88%)



- Red (56%)
- Yellow (69%)
- Blue (88%)



- Cyan (36%)
- Magenta (14%)
- Yellow (0%)
- Black (12%)



- Cyan (44%)
- Magenta (24%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 182.5840, -39.7510, -0.9590 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 182.5840, -39.7510, -0.9590 by changing the saturation by 10% instead.

■ 182.5840,
-39.7510, -0.9590

■ 182.5840,
-39.7510, -0.9590

■ 255.0000, -0.0000,
-0.0000

■ 155.4700,
-39.4300, -1.2700

■ 236.2070,
-31.6800, -9.5680

■ 128.4700,
-39.4300, -1.2700

■ 247.2260,
-15.4960, -5.5120

■ 102.6440,
-39.9800, -2.3160

■ 76.6330, -41.4470,
-3.2630

■ 49.9310, -48.2780,
-6.1180

■ 34.2810, -34.5240,
-2.0760

■ 20.0330, -21.9620,

1.5420

■ 3.5510, -8.6210,
7.5630

■ 0.0000, 0.0000,
0.0000

■ 182.5840,
-39.7510, -0.9590

■ 182.5840,
-39.7510, -0.9590

■ 170.4240,
-50.9840, -1.1280

■ 194.4450,
-29.1140, -1.0020

■ 159.1500,
-61.8960, -1.6080

■ 206.0180,
-17.6060, -0.3100

■ 146.9900,
-73.1290, -1.7770

■ 217.8790, -6.9690,
-0.3530

■ 135.7160,
-84.0410, -2.2570

■ 229.4520, 4.5390,
0.3390

■ 123.8550,
-94.6780, -2.2140

■ 241.0140, 14.5800,
0.0840

■ 111.6950,
-105.9110, -2.3830

■ 246.2970, 12.1050,
-4.6230

■ 107.2430,
-110.4500, -2.7220

■ 250.9930, 9.9050,
-8.8070

■ 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.



179.2640, -45.0220, -10.0620



182.5840, -39.7510, -0.9590



187.1780, -23.5680, 8.6240

Triad

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



182.5840, -39.7510, -0.9590



190.8840, 30.1660, 14.9820



183.7590, 1.5160, -16.4680

Complementary

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



182.5840, -39.7510, -0.9590



186.4160, 39.7510, 0.9590

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.



186.2020, 19.4420, -10.9420



182.5840, -39.7510, -0.9590



189.8920, 35.7150, 8.0270

Square

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



182.5840, -39.7510, -0.9590



191.1630, 16.3190, 18.1350



188.2300, 31.4070, -2.0090



181.1680, -18.7490, -18.1490

Rectangle

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



182.5840, -39.7510, -0.9590



189.1690, -10.1810, 13.8110



188.2300, 31.4070, -2.0090



184.5210, 8.1180, -14.9700

Sweetspot

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



182.5840, -39.7510, -0.9590



240.1710, -13.6630, -0.1830



194.9670, -31.9050, -33.0330



118.8080, -8.2070, 0.0570



0.0000, 0.0000, 0.0000



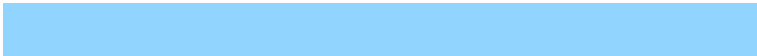
128.0000, -0.0000, -0.0000

Same Dimension

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



182.5840, -39.7510, -0.9590



197.4560, -54.0100, -1.3540



159.6910, -29.0260, 19.4380



106.3630, -5.4560, -0.2400



84.0470, -86.4710, -2.2710



23.0820, -23.6580, -0.7620

Inverse Universe

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



173.9190, 32.2260, 32.7220



185.6420, 43.7320, 44.4680



209.3090, 29.0260, -19.4380



105.0870, 4.3090, 4.5090



65.0500, 69.9070, 71.2110



17.7720, 18.9780, 19.5060

Previews

White Background



This preview shows how the YIQ color 182.5840, -39.7510, -0.9590 looks on a white background.

Color Contrast Check

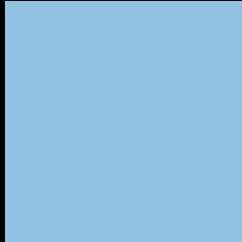
Large Text (above 18pt) WCAG AA × Fail

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 182.5840, -39.7510, -0.9590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

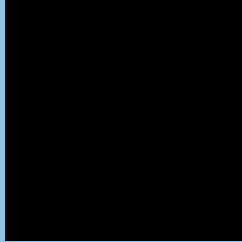
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 182.5840, -39.7510, -0.9590

Background



This preview shows how black text looks on a background with the YIQ color 182.5840, -39.7510, -0.9590.



This preview shows how white text looks on a background with the YIQ color 182.5840, -39.7510,

-0.9590.

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

182.5840, -39.7510, -0.9590

Protanopia

187.3810, -13.8940, 9.5140

Deuteranopia

188.6140, -12.9320, 14.1080



Tritanopia

181.3790, -37.9160, -6.6840

Trichromacy



Original Color

182.5840, -39.7510, -0.9590

Protanomaly

185.4830, -23.1090, 5.8110

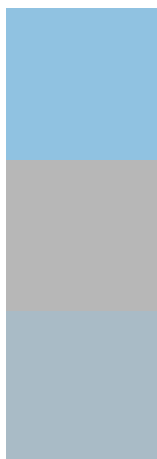
Deuteranomaly

186.3630, -22.6510, 8.5250

Tritanomaly

181.6610, -38.6500, -4.3940

Monochromacy



Original Color

182.5840, -39.7510, -0.9590

Achromatopsia

183.0000, -0.0000, -0.0000

Achromatomaly

182.8720, -14.2590, -0.3950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 182.5840, -39.7510, -0.9590 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, 194, 225)` looks like.

```
.text, #text, p{  
    color:rgb(144, 194, 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, 194, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 194, 225) }
```

Border

The CSS property to change the border of an element to YIQ 182.5840, -39.7510, -0.9590 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, 194, 225) }
```


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

```
.border{ border-color:rgb(144, 194, 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, 194, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 194, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 194, 225);  
box-shadow:4px 4px 4px 4px rgb(144, 194,  
225) }
```

Background

The CSS property to change the background color of an element to YIQ 182.5840, -39.7510, -0.9590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 194, 225) }
```

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

```
.background{ background-color: rgb(144,  
194, 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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