

Converting Colors

YIQ(94.8040, -89.5000, 14.0840)

Have a look what the booklet for
YIQ(94.8040, -89.5000, 14.0840)
contains.

YIQ(94.8040, -89.5000, 14.0840)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(94.8040, -89.5000,
14.0840)**

Conversions

Conversions Part 1

Format	Color
Hex	126EDA
RGB	18, 110, 218
RGB Percent	7%, 43%, 85%
CMY	0.9294, 0.5685, 0.1455
CMYK	0.92, 0.49, 0.00, 0.15
HSL	212°, 85%, 46%
HSV	212°, 92%, 85%
XYZ	18.4691, 16.3446, 68.4343
YIQ	94.8040, -89.5000, 14.0840

Conversions

Conversions Part 2

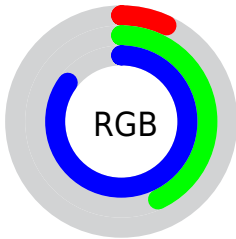
Format	Color
R _{YB}	18, 81, 218
Decimal	1208026
CIE Lab	47.42, 16.23, -61.97
CIE LCh	47, 64.056, 284.675
Yxy	16.3446, 0.1789, 0.1583
Android (android.graphics.Color)	4279398106 (0xFF126EDA)
YUV	94.8040, 60.7356, -67.3571
Hunter-Lab	40.4284, 10.7952, -72.0618

Details

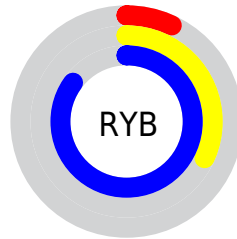
The YIQ color **94.8040, -89.5000, 14.0840** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **141.1960, 89.5000, -14.0840**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.2710, -62.9540, 17.5740**, and **56.0360, -69.6020, 16.9100** is the 20% darker color. If you saturate the color by 10%, you get **83.5520, -97.4780, 15.4980**, and if you desaturate by 10%, it is **108.4260, -79.6880, 12.4720**.

Distribution



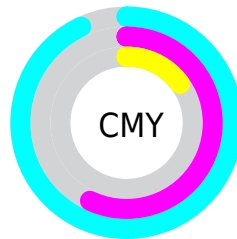
- Red (7%)
- Green (43%)
- Blue (85%)



- Red (7%)
- Yellow (32%)
- Blue (85%)



- Cyan (92%)
- Magenta (49%)
- Yellow (0%)
- Black (15%)



- Cyan (93%)
- Magenta (57%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 94.8040, -89.5000, 14.0840 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 94.8040, -89.5000, 14.0840 by changing the saturation by 10% instead.

■ 94.8040, -89.5000,
14.0840

■ 94.8040, -89.5000,
14.0840

■ 255.0000, -0.0000,
-0.0000

■ 72.1420, -84.6400,
14.1120

■ 155.2710,
-62.9540, 17.5740

■ 56.0360, -69.6020,
16.9100

■ 180.6880,
-51.3070, 10.2370

■ 40.6310, -55.1600,
19.4960

■ 205.8060,
-40.2560, 2.6880

■ 27.1010, -41.8640,
20.8240

■ 232.0980,
-29.7550, -5.9070

■ 13.6850, -28.8890,
22.4630

■ 247.8240,
-14.3040, -5.0880

■ 10.3620, -20.9100,
15.5220

■ 5.3920, -12.4270,

10.4610

■ 2.1830, -4.7690,
3.8310

■ 0.0000, 0.0000,
0.0000

■ 94.8040, -89.5000,
14.0840

■ 94.8040, -89.5000,
14.0840

■ 83.5520, -97.4780,
15.4980

■ 108.4260,
-79.6880, 12.4720

■ 122.0480,
-69.8760, 10.8600

■ 134.7840,
-60.3850, 9.5590

■ 148.4060,
-50.5730, 7.9470

■ 162.0280,
-40.7610, 6.3350

■ 175.6500,
-30.9490, 4.7230

■ 188.6850,
-20.8620, 3.6340

■ 202.0080,
-11.6460, 1.8100

■ 215.6300, -1.8340,
0.1980

Harmonies

Analogous

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



99.2870, -104.5820, 1.0660



94.8040, -89.5000, 14.0840



115.5080, 3.2470, 45.7990

Triad

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



94.8040, -89.5000, 14.0840



105.0640, 82.2050, 13.5090



88.5930, -63.4470, -45.1030

Complementary

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



94.8040, -89.5000, 14.0840



141.1960, 89.5000, -14.0840

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.



91.3160, -17.5510, -50.8870



94.8040, -89.5000, 14.0840



106.2410, 67.2640, -18.5920

Square

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



94.8040, -89.5000, 14.0840



101.9760, 80.7780, 44.8900



102.7540, 34.3020, -37.9700



95.5640, -81.6980, -28.2100

Rectangle

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



94.8040, -89.5000, 14.0840



111.1120, 39.8330, 54.5610



102.7540, 34.3020, -37.9700



85.2530, -56.7980, -49.9660

Sweetspot

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



94.8040, -89.5000, 14.0840



210.8780, -31.5910, 5.3450



147.5980, -89.3470, -71.3230



100.7560, -19.6240, 3.2240



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.



94.8040, -89.5000, 14.0840



97.7490, -114.0300, 18.1140



42.8930, -60.0280, 63.6840



103.1890, -4.9060, 0.8060



66.6820, -77.5330, 11.9630



17.5710, -20.5410, 3.3230

Inverse Universe

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



88.2880, 89.6680, 71.0120



89.5830, 114.4230, 90.4470



193.1070, 60.0280, -63.6840



102.8590, 4.9510, 3.8870



60.8470, 77.4280, 61.5560



16.1480, 20.6750, 16.2830

Previews

White Background



This preview shows how the YIQ color 94.8040, -89.5000, 14.0840 looks on a white 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

Black Background



This preview shows how the YIQ color 94.8040, -89.5000, 14.0840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

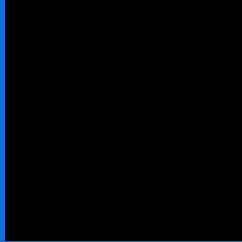
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

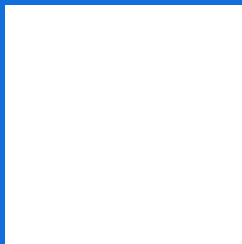
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 94.8040, -89.5000, 14.0840

Background



This preview shows how black text looks on a background with the YIQ color 94.8040, -89.5000, 14.0840.



This preview shows how white text looks on a background with the YIQ color 94.8040, -89.5000,

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

94.8040, -89.5000, 14.0840

Protanopia

102.6710, -69.8320, 21.0800

Deuteranopia

89.6040, -95.2290, 2.2670



Tritanopia

87.8360, -76.4720, -23.8000

Trichromacy



Original Color

94.8040, -89.5000, 14.0840

Protanomaly

100.0830, -76.9840, 18.5360

Deuteranomaly

91.9080, -93.0290, 6.4510

Tritanomaly

90.5280, -80.8760, -10.0600

Monochromacy



Original Color

94.8040, -89.5000, 14.0840

Achromatopsia

95.0000, -0.0000, -0.0000

Achromatomaly

94.6930, -32.5080, 5.4440

CSS Examples

Text

The CSS property to change the color of the text to YIQ 94.8040, -89.5000, 14.0840 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(18, 110, 218)` looks like.

```
.text, #text, p{  
    color:rgb(18, 110, 218)  
}
```

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(18, 110, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 110, 218) }
```

Border

The CSS property to change the border of an element to YIQ 94.8040, -89.5000, 14.0840 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(18, 110, 218) }
```


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

```
.border{ border-color:rgb(18, 110, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 110, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 110, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 110, 218);  
box-shadow:4px 4px 4px 4px rgb(18, 110,  
218) }
```

Background

The CSS property to change the background color of an element to YIQ 94.8040, -89.5000, 14.0840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 110, 218) }
```

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

```
.background{ background-color: rgb(18, 110,  
218) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor