

Converting Colors

YIQ(109.0390, -92.0200, 4.6840)

Have a look what the booklet for
YIQ(109.0390, -92.0200, 4.6840)
contains.

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Color

**YIQ(109.0390, -92.0200,
4.6840)**

Conversions

Conversions Part 1

Format	Color
Hex	1883DB
RGB	24, 131, 219
RGB Percent	9%, 51%, 86%
CMY	0.9060, 0.4861, 0.1416
CMYK	0.89, 0.40, 0.00, 0.14
HSL	207°, 80%, 48%
HSV	207°, 89%, 86%
XYZ	21.2695, 21.5470, 69.9795
YIQ	109.0390, -92.0200, 4.6840

Conversions

Conversions Part 2

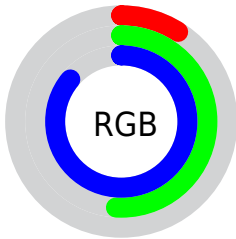
Format	Color
R_{YB}	24, 93, 219
Decimal	1606619
CIE Lab	53.54, 3.80, -52.70
CIE LCh	54, 52.833, 274.130
Yxy	21.5470, 0.1886, 0.1910
Android (android.graphics.Color)	4279796699 (0xFF1883DB)
YUV	109.0390, 54.2108, -74.5792
Hunter-Lab	46.4187, 0.5576, -56.8908

Details

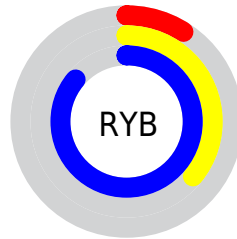
The YIQ color **109.0390, -92.0200, 4.6840** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **133.9610, 92.0200, -4.6840**, and the grayscale version is **109.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **169.3700, -68.0870, 5.9690**, and **66.7160, -74.8730, 7.8070** is the 20% darker color. If you saturate the color by 10%, you get **96.5910, -102.3820, 5.2500**, and if you desaturate by 10%, it is **121.4870, -81.6580, 4.1180**.

Distribution



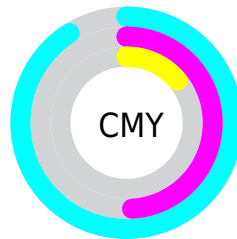
- Red (9%)
- Green (51%)
- Blue (86%)



- Red (9%)
- Yellow (36%)
- Blue (86%)



- Cyan (89%)
- Magenta (40%)
- Yellow (0%)
- Black (14%)



- Cyan (91%)
- Magenta (49%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 109.0390, -92.0200, 4.6840 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 109.0390, -92.0200, 4.6840 by changing the saturation by 10% instead.

■ 109.0390,
-92.0200, 4.6840

■ 109.0390,
-92.0200, 4.6840

■ 255.0000, -0.0000,
-0.0000

■ 83.9960, -90.4610,
3.9630

■ 169.3700,
-68.0870, 5.9690

■ 66.7160, -74.8730,
7.8070

■ 194.7870,
-56.4400, -1.3680

■ 50.8380, -60.4770,
11.2270

■ 220.4920,
-45.6640, -9.4400

■ 35.5470, -46.3560,
14.1240

■ 239.1530,
-31.5880, -11.2360

■ 20.9570, -32.8310,
16.8090

■ 248.1230,
-13.7080, -4.8760

■ 10.5900, -21.5520,
16.1440

■ 6.2070, -13.3440,

10.5600

■ 2.4110, -5.4110,
4.4530

■ 0.0000, 0.0000,
0.0000

■ 109.0390,
-92.0200, 4.6840

■ 109.0390,
-92.0200, 4.6840

■ 96.5910,
-102.3820, 5.2500

■ 121.4870,
-81.6580, 4.1180

■ 95.4060,
-103.2990, 5.3490

■ 133.9350,
-71.2960, 3.5520

■ 146.3830,
-60.9340, 2.9860

■ 158.8310,
-50.5720, 2.4200

■ 170.3930,
-40.5310, 2.1650

■ 182.8410,
-30.1690, 1.5990

■ 195.2890,
-19.8070, 1.0330

■ 207.7370, -9.4450,
0.4670

■ 220.1850, 0.9170,
-0.0990

Harmonies

Analogous

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



107.7670, -106.4140, -9.7900



109.0390, -92.0200, 4.6840



130.5500, -14.9070, 33.3890

Triad

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



109.0390, -92.0200, 4.6840



125.1910, 71.8420, 19.6020



98.4850, -63.2630, -48.4390

Complementary

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



109.0390, -92.0200, 4.6840



133.9610, 92.0200, -4.6840

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.



117.1390, 5.4170, -37.6150



109.0390, -92.0200, 4.6840



124.8900, 64.4190, -5.5730

Square

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



109.0390, -92.0200, 4.6840



126.7070, 62.3020, 38.3180



121.8680, 43.1490, -27.5950



103.2120, -83.9430, -37.0870

Rectangle

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



109.0390, -92.0200, 4.6840



131.7730, 18.3780, 41.4020



121.8680, 43.1490, -27.5950



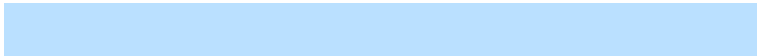
110.0670, -29.6110, -41.5710

Sweetspot

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



109.0390, -92.0200, 4.6840



216.1720, -32.5990, 1.5850



148.4970, -81.8730, -74.6170



104.5880, -19.2110, 1.2450



0.0000, 0.0000, 0.0000



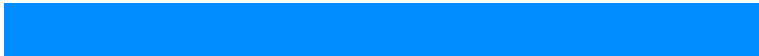
128.0000, -0.0000, -0.0000

Same Dimension

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



109.0390, -92.0200, 4.6840



111.2500, -120.3550, 6.0850



52.1000, -65.3450, 55.4150



103.7760, -5.1810, 0.2830



75.4870, -81.6580, 4.1180



19.9190, -21.6410, 1.2310

Inverse Universe

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



94.5030, 81.8730, 74.6170



92.2050, 107.0400, 97.6000



190.9000, 65.3450, -55.4150



102.9730, 4.6300, 4.1980



62.5570, 72.6130, 66.2210



16.6040, 19.3910, 17.5270

Previews

White Background



This preview shows how the YIQ color 109.0390, -92.0200, 4.6840 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 109.0390, -92.0200, 4.6840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

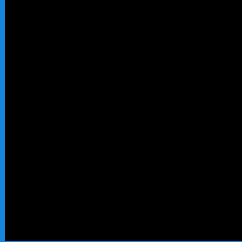
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 109.0390, -92.0200, 4.6840

Background



This preview shows how black text looks on a background with the YIQ color 109.0390, -92.0200, 4.6840.



This preview shows how white text looks on a background with the YIQ color 109.0390, -92.0200,

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

109.0390, -92.0200, 4.6840

Protanopia

123.8660, -48.5120, 20.1600

Deuteranopia

117.2480, -73.3150, 12.6130



Tritanopia

99.9810, -87.2460, -26.7820

Trichromacy



Original Color

109.0390, -92.0200, 4.6840

Protanomaly

118.7930, -64.6040, 14.4360

Deuteranomaly

114.5460, -80.1460, 9.7580

Tritanomaly

103.1740, -88.8070, -15.0070

Monochromacy



Original Color

109.0390, -92.0200, 4.6840

Achromatopsia

109.0000, -0.0000, 0.0000

Achromatomaly

108.9870, -33.5160, 1.6840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 109.0390, -92.0200, 4.6840 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(24, 131, 219)` looks like.

```
.text, #text, p{  
    color:rgb(24, 131, 219)  
}
```

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(24, 131, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 131, 219) }
```

Border

The CSS property to change the border of an element to YIQ 109.0390, -92.0200, 4.6840 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(24, 131, 219) }
```


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

```
.border{ border-color:rgb(24, 131, 219) }
```

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

Here you see how a box with a 4 pixel rgb(24, 131, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 131, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 131, 219);  
box-shadow:4px 4px 4px 4px rgb(24, 131,  
219) }
```

Background

The CSS property to change the background color of an element to YIQ 109.0390, -92.0200, 4.6840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 131, 219) }
```

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

```
.background{ background-color: rgb(24, 131,  
219) }
```

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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