

Converting Colors

YIQ(117.2390, -104.6270,
-3.6270)

Have a look what the booklet for
YIQ(117.2390, -104.6270, -3.6270)
contains.

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Color

**YIQ(117.2390, -104.6270,
-3.6270)**

Conversions

Conversions Part 1

Format	Color
Hex	0F94E3
RGB	15, 148, 227
RGB Percent	6%, 58%, 89%
CMY	0.9413, 0.4194, 0.1103
CMYK	0.93, 0.35, 0.00, 0.11
HSL	202°, 88%, 47%
HSV	202°, 93%, 89%
XYZ	24.6430, 26.8378, 76.4665
YIQ	117.2390, -104.6270, -3.6270

Conversions

Conversions Part 2

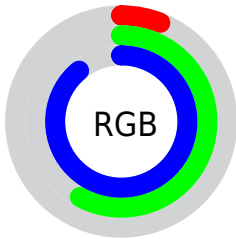
Format	Color
R_{YB}	15, 97, 227
Decimal	1021155
CIE _{Lab}	58.82, -3.69, -48.77
CIE _{LCh}	59, 48.906, 265.673
Yxy	26.8378, 0.1926, 0.2098
Android (android.graphics.Color)	4279211235 (0xFF0F94E3)
YUV	117.2390, 54.1122, -89.6636
Hunter-Lab	51.8052, -5.7492, -51.2508

Details

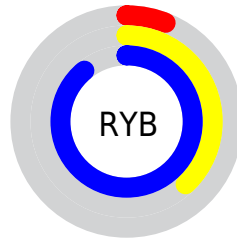
The YIQ color **117.2390, -104.6270, -3.6270** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **124.7610, 104.6270, 3.6270**, and the grayscale version is **117.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **179.9360, -73.0370, -3.4450**, and **77.0200, -81.8410, 1.9270** is the 20% darker color. If you saturate the color by 10%, you get **109.2320, -111.9170, -3.6690**, and if you desaturate by 10%, it is **128.8120, -93.1190, -2.9350**.

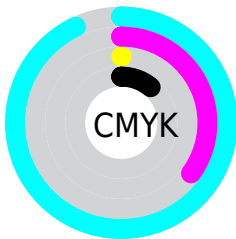
Distribution



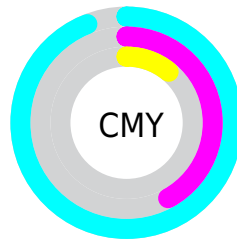
- Red (6%)
- Green (58%)
- Blue (89%)



- Red (6%)
- Yellow (38%)
- Blue (89%)



- Cyan (93%)
- Magenta (35%)
- Yellow (0%)
- Black (11%)



- Cyan (94%)
- Magenta (42%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 117.2390, -104.6270, -3.6270 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 117.2390, -104.6270, -3.6270 by changing the saturation by 10% instead.

■ 117.2390,
-104.6270, -3.6270

■ 117.2390,
-104.6270, -3.6270

■ 255.0000, -0.0000,
-0.0000

■ 94.3000, -97.4290,
-1.9170

■ 179.9360,
-73.0370, -3.4450

■ 77.0200, -81.8410,
1.9270

■ 205.9400,
-61.6650, -11.3050

■ 59.8540, -66.5740,
6.0820

■ 230.1830,
-49.4680, -17.5960

■ 43.9760, -52.1780,
9.5020

■ 239.4520,
-30.9920, -11.0240

■ 29.3860, -38.6530,
12.1870

■ 248.7210,
-12.5160, -4.4520

■ 12.5620, -24.3490,
17.2750

■ 6.8910, -15.2700,

12.4260

■ 3.3230, -7.9790,
6.9410

■ 0.0000, 0.0000,
0.0000

■ 117.2390,
-104.6270, -3.6270

■ 117.2390,
-104.6270, -3.6270

■ 109.2320,
-111.9170, -3.6690

■ 128.8120,
-93.1190, -2.9350

■ 140.6730,
-82.4820, -2.9780

■ 152.2460,
-70.9740, -2.2860

■ 164.4060,
-59.7410, -2.1170

■ 175.6800,
-48.8290, -1.6370

■ 187.8400,
-37.5960, -1.4680

■ 199.4130,
-26.0880, -0.7760

■ 211.2740,
-15.4510, -0.8190

■ 222.8470, -3.9430,
-0.1270

Harmonies

Analogous

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



116.9140, -111.5020, -16.7020



117.2390, -104.6270, -3.6270



142.8040, -27.6060, 26.7460

Triad

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



117.2390, -104.6270, -3.6270



140.7870, 67.3480, 23.9560



125.5450, -27.9610, -38.4330

Complementary

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



117.2390, -104.6270, -3.6270



124.7610, 104.6270, 3.6270

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.



133.4610, 16.3740, -32.4420



117.2390, -104.6270, -3.6270



139.8180, 64.9220, 1.8340

Square

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



117.2390, -104.6270, -3.6270



142.7320, 51.9860, 38.0500



137.4760, 47.5490, -19.2270



110.3700, -87.5640, -43.0520

Rectangle

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



117.2390, -104.6270, -3.6270



145.7820, 4.9910, 36.2150



137.4760, 47.5490, -19.2270



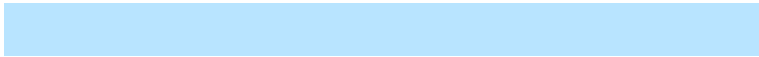
128.9830, -11.6390, -36.8790

Sweetspot

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



117.2390, -104.6270, -3.6270



217.9220, -34.8910, -0.9310



148.3360, -83.3380, -86.6180



104.8650, -21.5490, -0.4370



0.0000, 0.0000, 0.0000



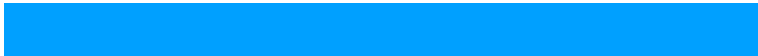
128.0000, -0.0000, -0.0000

Same Dimension

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



117.2390, -104.6270, -3.6270



122.9900, -125.8550, -4.3750



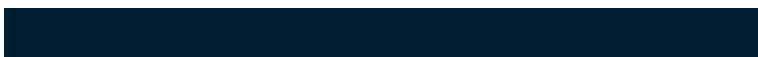
55.6040, -75.7520, 51.2880



106.3630, -5.4560, -0.2400



85.2210, -87.0210, -3.3170



23.0820, -23.6580, -0.7620

Inverse Universe

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



93.5500, 83.6590, 86.3070



94.4850, 100.6200, 103.8200



186.3960, 75.7520, -51.2880



105.0870, 4.3090, 4.5090



65.2780, 69.2650, 71.8330



17.7720, 18.9780, 19.5060

Previews

White Background



This preview shows how the YIQ color 117.2390, -104.6270, -3.6270 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 117.2390, -104.6270, -3.6270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

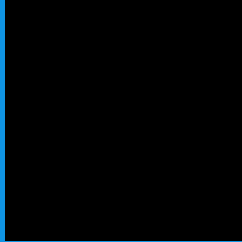
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

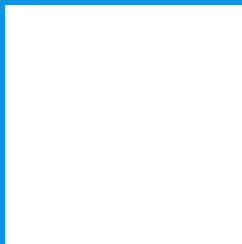
Any Text WCAG AAA × Fail

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

YIQ 117.2390, -104.6270, -3.6270 Background



This preview shows how black text looks on a background with the YIQ color 117.2390, -104.6270, -3.6270.



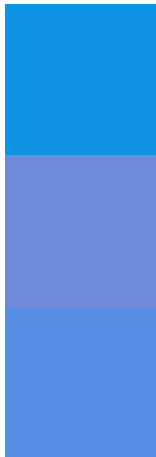
This preview shows how white text looks on a background with the YIQ color 117.2390, -104.6270, -3.6270.

-3.6270.

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

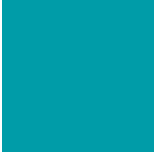
117.2390, -104.6270, -3.6270

Protanopia

139.0470, -41.7720, 19.1560

Deuteranopia

134.8860, -60.4320, 15.9200



Tritanopia

110.7240, -96.8280, -29.3400

Trichromacy



Original Color

117.2390, -104.6270, -3.6270

Protanomaly

131.2720, -64.6950, 10.5770

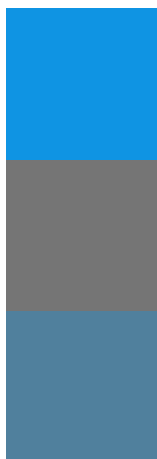
Deuteranomaly

128.7590, -76.4320, 8.5280

Tritanomaly

112.8520, -99.7640, -20.1800

Monochromacy



Original Color

117.2390, -104.6270, -3.6270

Achromatopsia

117.0000, -0.0000, 0.0000

Achromatomaly

116.9540, -37.9170, -1.1570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 117.2390, -104.6270, -3.6270 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(15, 148, 227)` looks like.

```
.text, #text, p{  
    color:rgb(15, 148, 227)  
}
```

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(15, 148, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 148, 227) }
```

Border

The CSS property to change the border of an element to YIQ 117.2390, -104.6270, -3.6270 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(15, 148, 227) }
```


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

```
.border{ border-color:rgb(15, 148, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 148, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 148, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 148, 227);  
box-shadow:4px 4px 4px 4px rgb(15, 148,  
227) }
```

Background

The CSS property to change the background color of an element to YIQ 117.2390, -104.6270, -3.6270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 148, 227) }
```

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

```
.background{ background-color: rgb(15, 148,  
227) }
```

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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