

Converting Colors

YIQ(104.1600, -111.4140,
3.7380)

Have a look what the booklet for
YIQ(104.1600, -111.4140, 3.7380)
contains.

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Color

**YIQ(104.1600, -111.4140,
3.7380)**

Conversions

Conversions Part 1

Format	Color
Hex	0084EA
RGB	0, 132, 234
RGB Percent	0%, 52%, 92%
CMY	0.9998, 0.4821, 0.0829
CMYK	1.00, 0.44, 0.00, 0.08
HSL	206°, 100%, 46%
HSV	206°, 100%, 92%
XYZ	23.0910, 22.4505, 80.8582
YIQ	104.1600, -111.4140, 3.7380

Conversions

Conversions Part 2

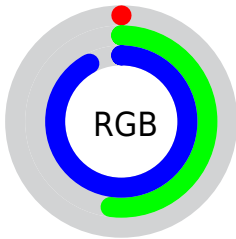
Format	Color
R_{YB}	0, 84, 234
Decimal	34026
CIE _{Lab}	54.50, 8.10, -59.56
CIE _{LCh}	55, 60.107, 277.746
Yxy	22.4505, 0.1827, 0.1776
Android (android.graphics.Color)	4278224106 (0xFF0084EA)
YUV	104.1600, 64.0111, -91.3483
Hunter-Lab	47.3820, 4.0712, -68.0120

Details

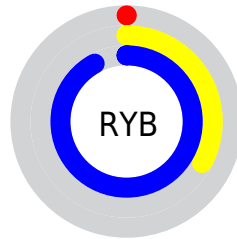
The YIQ color **104.1600, -111.4140, 3.7380** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark washed azure. A complement of this color would be **129.8400, 111.4140, -3.7380**, and the grayscale version is **104.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **169.0710, -68.6830, 5.7570**, and **69.4860, -79.9170, 11.1150** is the 20% darker color. If you saturate the color by 10%, you get **104.1600, -111.4140, 3.7380**, and if you desaturate by 10%, it is **116.9070, -100.4560, 3.3840**.

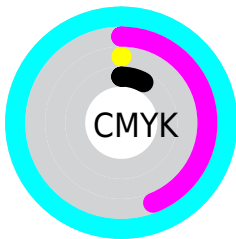
Distribution



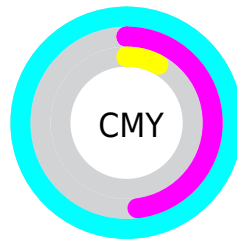
- Red (0%)
- Green (52%)
- Blue (92%)



- Red (0%)
- Yellow (33%)
- Blue (92%)



- Cyan (100%)
- Magenta (44%)
- Yellow (0%)
- Black (8%)



- Cyan (100%)
- Magenta (48%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 104.1600, -111.4140, 3.7380 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 104.1600, -111.4140, 3.7380 by changing the saturation by 10% instead.

■ 104.1600,
-111.4140, 3.7380

■ 104.1600,
-111.4140, 3.7380

■ 255.0000, -0.0000,
-0.0000

■ 86.1790, -95.2300,
7.7940

■ 169.6580,
-68.9580, 5.2340

■ 69.4860, -79.9170,
11.1150

■ 195.3740,
-56.7150, -1.8910

■ 52.9070, -64.9250,
14.7470

■ 221.3780,
-45.3430, -9.7510

■ 38.2030, -51.0790,
17.1210

■ 239.4520,
-30.9920, -11.0240

■ 23.4990, -37.2330,
19.4950

■ 248.7210,
-12.5160, -4.4520

■ 13.6050, -25.9080,
17.9960

■ 8.0480, -17.1500,

13.4580

■ 3.7790, -9.2630,
8.1850

■ 0.0000, 0.0000,
0.0000

■ 104.1600,
-111.4140, 3.7380

■ 116.9070,
-100.4560, 3.3840

■ 129.9530,
-88.9020, 3.2420

■ 143.2870,
-78.2190, 2.3650

■ 156.3330,
-66.6650, 2.2230

■ 169.0800,
-55.7070, 1.8690

■ 181.8270,
-44.7490, 1.5150

■ 194.8730,
-33.1950, 1.3730

■ 208.2070,
-22.5120, 0.4960

■ 221.2530,
-10.9580, 0.3540

Harmonies

Analogous

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



111.4660, -112.6960, -6.0720



104.1600, -111.4140, 3.7380



133.4030, -9.8190, 40.3010

Triad

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



104.1600, -111.4140, 3.7380



125.5680, 80.9660, 19.4460



99.3700, -70.3690, -51.8170

Complementary

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



104.1600, -111.4140, 3.7380



129.8400, 111.4140, -3.7380

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.



115.8730, 0.0540, -45.0500



104.1600, -111.4140, 3.7380



125.2080, 72.0310, -11.3690

Square

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



104.1600, -111.4140, 3.7380



126.0290, 73.2590, 43.4910



120.2410, 48.9280, -38.7200



107.2870, -88.5280, -36.5920

Rectangle

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



104.1600, -111.4140, 3.7380



133.0070, 26.7670, 49.0630



120.2410, 48.9280, -38.7200



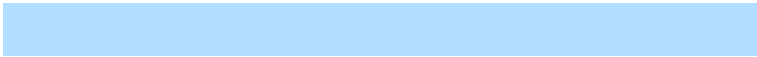
101.3410, -54.2300, -52.4540

Sweetspot

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



104.1600, -111.4140, 3.7380



212.9050, -36.2210, 1.1470



148.8720, -96.7710, -90.9710



102.5060, -21.9160, 0.7080



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.



104.1600, -111.4140, 3.7380



113.5980, -121.4550, 3.9930



36.0680, -79.5140, 64.4060



110.7760, -5.1810, 0.2830



80.5080, -86.1510, 2.9450



23.7660, -25.5840, 1.1040

Inverse Universe

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



85.0140, 97.0920, 90.6600



92.6610, 105.7560, 98.8440



197.9320, 79.5140, -64.4060



109.9730, 4.6300, 4.1980



65.7470, 75.1340, 70.0940



19.5660, 22.5540, 20.7780

Previews

White Background



This preview shows how the YIQ color 104.1600, -111.4140, 3.7380 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 104.1600, -111.4140, 3.7380 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

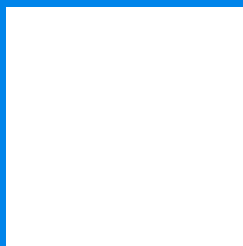
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 104.1600, -111.4140, 3.7380

Background



This preview shows how black text looks on a background with the YIQ color 104.1600, -111.4140, 3.7380.



This preview shows how white text looks on a background with the YIQ color 104.1600, -111.4140,

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

104.1600, -111.4140, 3.7380

Protanopia

124.7710, -58.3700, 22.6060

Deuteranopia

107.7480, -104.2620, 6.2820



Tritanopia

102.0840, -89.0340, -27.4180

Trichromacy



Original Color

104.1600, -111.4140, 3.7380

Protanomaly

117.2030, -77.4420, 15.8220

Deuteranomaly

106.5520, -106.6460, 5.4340

Tritanomaly

103.0420, -97.2430, -16.3070

Monochromacy



Original Color

104.1600, -111.4140, 3.7380

Achromatopsia

104.0000, -0.0000, -0.0000

Achromatomaly

103.8660, -40.4850, 1.3310

CSS Examples

Text

The CSS property to change the color of the text to YIQ 104.1600, -111.4140, 3.7380 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(0, 132, 234)` looks like.

```
.text, #text, p{  
    color:rgb(0, 132, 234)  
}
```

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(0, 132, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 132, 234) }
```

Border

The CSS property to change the border of an element to YIQ 104.1600, -111.4140, 3.7380 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(0, 132, 234) }
```


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

```
.border{ border-color:rgb(0, 132, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 132, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 132, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 132, 234);  
box-shadow:4px 4px 4px 4px rgb(0, 132,  
234) }
```

Background

The CSS property to change the background color of an element to YIQ 104.1600, -111.4140, 3.7380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 132, 234) }
```

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

```
.background{ background-color: rgb(0, 132,  
234) }
```

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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