

Converting Colors

YIQ(107.4200, -115.0820,
4.1340)

Have a look what the booklet for
YIQ(107.4200, -115.0820, 4.1340)
contains.

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Color

**YIQ(107.4200, -115.0820,
4.1340)**

Conversions

Conversions Part 1

Format	Color
Hex	0088F2
RGB	0, 136, 242
RGB Percent	0%, 53%, 95%
CMY	0.9997, 0.4664, 0.0515
CMYK	1.00, 0.44, 0.00, 0.05
HSL	206°, 100%, 47%
HSV	206°, 100%, 95%
XYZ	24.8186, 24.0271, 87.2258
YIQ	107.4200, -115.0820, 4.1340

Conversions

Conversions Part 2

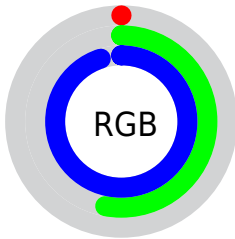
Format	Color
R _Y B	0, 87, 242
Decimal	35058
CIE Lab	56.11, 8.74, -61.41
CIE LCh	56, 62.032, 278.102
Yxy	24.0271, 0.1824, 0.1766
Android (android.graphics.Color)	4278225138 (0xFF0088F2)
YUV	107.4200, 66.3479, -94.2073
Hunter-Lab	49.0174, 4.5982, -71.1936

Details

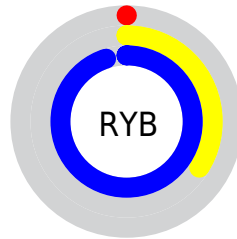
The YIQ color **107.4200, -115.0820, 4.1340** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark saturated azure. A complement of this color would be **134.5800, 115.0820, -4.1340**, and the grayscale version is **107.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **172.6040, -68.8660, 3.5660**, and **72.1590, -83.3100, 12.0340** is the 20% darker color. If you saturate the color by 10%, you get **107.4200, -115.0820, 4.1340**, and if you desaturate by 10%, it is **121.0530, -103.8030, 3.4690**.

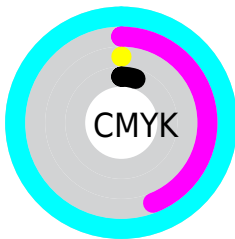
Distribution



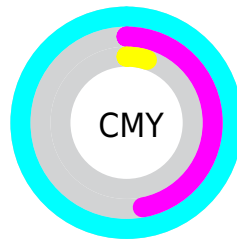
- Red (0%)
- Green (53%)
- Blue (95%)



- Red (0%)
- Yellow (34%)
- Blue (95%)



- Cyan (100%)
- Magenta (44%)
- Yellow (0%)
- Black (5%)



- Cyan (100%)
- Magenta (47%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 107.4200, -115.0820, 4.1340 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 107.4200, -115.0820, 4.1340 by changing the saturation by 10% instead.

■ 107.4200,
-115.0820, 4.1340

■ 107.4200,
-115.0820, 4.1340

■ 255.0000, -0.0000,
-0.0000

■ 89.4390, -98.8980,
8.1900

■ 172.6040,
-68.8660, 3.5660

■ 72.1590, -83.3100,
12.0340

■ 198.3200,
-56.6230, -3.5590

■ 56.0530, -68.2720,
14.8320

■ 224.9110,
-45.5260, -11.9420

■ 40.7620, -54.1510,
17.7290

■ 240.3490,
-29.2040, -10.3880

■ 26.6450, -40.5800,
19.5800

■ 249.6180,
-10.7280, -3.8160

■ 14.9900, -28.4300,
19.6500

■ 9.3190, -19.3510,

14.8010

■ 5.0500, -11.4640,
9.5280

■ 0.7980, -2.2470,
2.1770

■ 107.4200,
-115.0820, 4.1340

■ 121.0530,
-103.8030, 3.4690

■ 134.0990,
-92.2490, 3.3270

■ 148.0310,
-80.3740, 2.8740

■ 161.0770,
-68.8200, 2.7320

■ 174.7100,
-57.5410, 2.0670

■ 188.3430,
-46.2620, 1.4020

■ 201.3890,
-34.7080, 1.2600

■ 215.3210,
-22.8330, 0.8070

■ 228.3670,
-11.2790, 0.6650

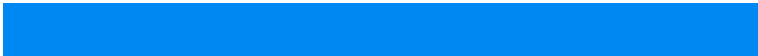
Harmonies

Analogous

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



115.4270, -116.9600, -5.8880



107.4200, -115.0820, 4.1340



137.7560, -9.3150, 42.1810

Triad

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



107.4200, -115.0820, 4.1340



129.6500, 83.6710, 19.9830



102.6470, -72.7070, -53.4990

Complementary

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



107.4200, -115.0820, 4.1340



134.5800, 115.0820, -4.1340

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.



119.2210, -1.0460, -47.1420



107.4200, -115.0820, 4.1340



128.9370, 74.2320, -12.7120

Square

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



107.4200, -115.0820, 4.1340



129.9370, 76.5140, 45.0740



124.3720, 49.9370, -40.4870



110.7920, -91.5080, -37.6520

Rectangle

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



107.4200, -115.0820, 4.1340



137.4310, 28.5090, 50.5330



124.3720, 49.9370, -40.4870



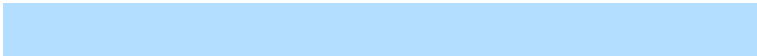
102.1120, -61.0150, -56.1430

Sweetspot

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



107.4200, -115.0820, 4.1340



212.9050, -36.2210, 1.1470



154.0240, -100.2550, -93.9110



101.9190, -21.6410, 1.2310



0.0000, 0.0000, 0.0000



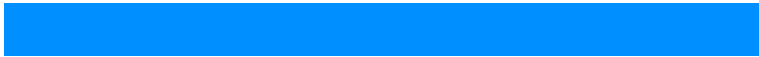
128.0000, -0.0000, -0.0000

Same Dimension

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



107.4200, -115.0820, 4.1340



113.0110, -121.1800, 4.5160



36.9800, -82.0820, 66.8940



113.4770, -5.7770, 0.0710



81.4370, -87.3890, 3.3550



25.1680, -26.7760, 0.6800

Inverse Universe

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



87.8620, 100.5760, 93.6000



92.5470, 106.0770, 98.5330



205.0200, 82.0820, -66.8940



112.3860, 4.9050, 4.7210



66.7580, 76.6010, 71.0410



20.3920, 23.1040, 21.8240

Previews

White Background



This preview shows how the YIQ color 107.4200, -115.0820, 4.1340 looks on a white background.

Color Contrast Check

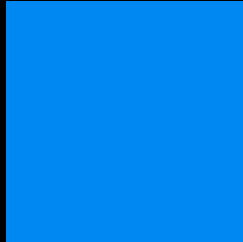
Large Text (above 18pt) WCAG AA ✓ Pass

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 107.4200, -115.0820, 4.1340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

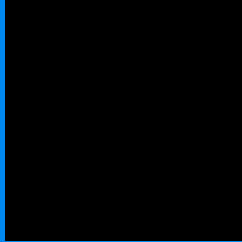
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

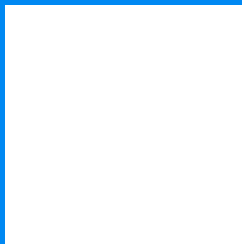
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 107.4200, -115.0820, 4.1340

Background



This preview shows how black text looks on a background with the YIQ color 107.4200, -115.0820, 4.1340.



This preview shows how white text looks on a background with the YIQ color 107.4200, -115.0820,

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

107.4200, -115.0820, 4.1340

Protanopia

128.6290, -60.8460, 23.4260

Deuteranopia

107.3060, -114.7610, 3.8230



Tritanopia

105.5890, -92.0140, -28.4780

Trichromacy



Original Color

107.4200, -115.0820, 4.1340

Protanomaly

120.7620, -80.5140, 16.4300

Deuteranomaly

107.3060, -114.7610, 3.8230

Tritanomaly

106.0740, -100.2690, -16.5330

Monochromacy



Original Color

107.4200, -115.0820, 4.1340

Achromatopsia

107.0000, -0.0000, 0.0000

Achromatomaly

107.3820, -41.9980, 1.2180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 107.4200, -115.0820, 4.1340 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, 136, 242)` looks like.

```
.text, #text, p{  
    color:rgb(0, 136, 242)  
}
```

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, 136, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 136, 242) }
```

Border

The CSS property to change the border of an element to YIQ 107.4200, -115.0820, 4.1340 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, 136, 242) }
```


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

```
.border{ border-color:rgb(0, 136, 242) }
```

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

Here you see how a box with a 4 pixel rgb(0, 136, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 136, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 136, 242);  
box-shadow:4px 4px 4px 4px rgb(0, 136,  
242) }
```

Background

The CSS property to change the background color of an element to YIQ 107.4200, -115.0820, 4.1340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 136, 242) }
```

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

```
.background{ background-color: rgb(0, 136,  
242) }
```

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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