

Converting Colors

YIQ(128.6060, -115.9060,
-2.9620)

Have a look what the booklet for
YIQ(128.6060, -115.9060, -2.9620)
contains.

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Color

**YIQ(128.6060, -115.9060,
-2.9620)**

Conversions

Conversions Part 1

Format	Color
Hex	10A2FC
RGB	16, 162, 252
RGB Percent	6%, 64%, 99%
CMY	0.9373, 0.3645, 0.0123
CMYK	0.94, 0.36, 0.00, 0.01
HSL	203°, 97%, 53%
HSV	203°, 94%, 99%
XYZ	30.6929, 32.9916, 96.7336
YIQ	128.6060, -115.9060, -2.9620

Conversions

Conversions Part 2

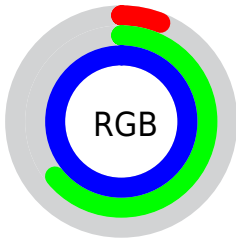
Format	Color
R _Y B	16, 106, 252
Decimal	1090300
CIE Lab	64.15, -2.46, -54.07
CIE LCh	64, 54.125, 267.397
Yxy	32.9916, 0.1913, 0.2057
Android (android.graphics.Color)	4279280380 (0xFF10A2FC)
YUV	128.6060, 60.8332, -98.7555
Hunter-Lab	57.4383, -5.1333, -59.6453

Details

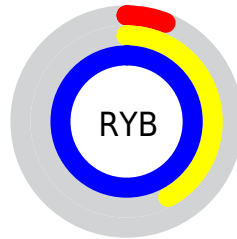
The YIQ color **128.6060, -115.9060, -2.9620** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle washed azure. A complement of this color would be **139.3940, 115.9060, 2.9620**, and the grayscale version is **128.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **189.9480, -73.3110, -9.4950**, and **87.3870, -93.1200, 2.5920** is the 20% darker color. If you saturate the color by 10%, you get **120.3000, -123.7920, -3.2160**, and if you desaturate by 10%, it is **141.9510, -103.7560, -2.8920**.

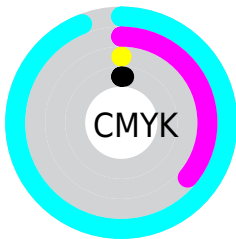
Distribution



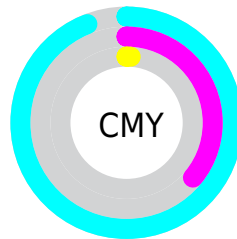
- Red (6%)
- Green (64%)
- Blue (99%)



- Red (6%)
- Yellow (42%)
- Blue (99%)



- Cyan (94%)
- Magenta (36%)
- Yellow (0%)
- Black (1%)



- Cyan (94%)
- Magenta (36%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 128.6060, -115.9060, -2.9620 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 128.6060, -115.9060, -2.9620 by changing the saturation by 10% instead.

■ 128.6060,
-115.9060, -2.9620

■ 128.6060,
-115.9060, -2.9620

■ 255.0000, -0.0000,
-0.0000

■ 105.2540,
-108.9830, -1.7750

■ 190.5350,
-73.5860, -10.0180

■ 87.3870, -93.1200,
2.5920

■ 217.1370,
-61.0220, -17.4540

■ 70.1070, -77.5320,
6.4360

■ 232.5750,
-44.7000, -15.9000

■ 53.5280, -62.5400,
10.0680

■ 242.1430,
-25.6280, -9.1160

■ 38.2370, -48.4190,
12.9650

■ 251.4120, -7.1520,
-2.5440

■ 24.2340, -35.1690,
15.1270

■ 11.5190, -22.7900,

16.5540

■ 6.5490, -14.3070,
11.4930

■ 2.8670, -6.6950,
5.6970

■ 128.6060,
-115.9060, -2.9620

■ 128.6060,
-115.9060, -2.9620

■ 120.3000,
-123.7920, -3.2160

■ 141.9510,
-103.7560, -2.8920

■ 154.7090,
-91.3310, -2.2990

■ 168.3530,
-78.5850, -2.0170

■ 181.1110,
-66.1600, -1.4240

■ 194.4560,
-54.0100, -1.3540

■ 207.8010,
-41.8600, -1.2840

■ 220.5590,
-29.4350, -0.6910

■ 233.9040,
-17.2850, -0.6210

■ 246.9610, -4.2640,
0.1840

Harmonies

Analogous

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



129.0420, -123.6060, -17.6060



128.6060, -115.9060, -2.9620



156.8520, -27.5610, 31.4390

Triad

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



128.6060, -115.9060, -2.9620



154.3320, 76.0590, 25.7790



136.6640, -35.8460, -44.2140

Complementary

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



128.6060, -115.9060, -2.9620



139.3940, 115.9060, 2.9620

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.



146.0000, 16.0540, -37.6580



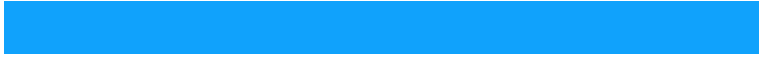
128.6060, -115.9060, -2.9620



153.1840, 72.5790, 0.7310

Square

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



128.6060, -115.9060, -2.9620



156.8580, 60.5590, 42.3750



150.8800, 52.0430, -23.5810



122.1730, -97.3750, -46.9670

Rectangle

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



128.6060, -115.9060, -2.9620



160.0970, 8.6580, 41.3460



150.8800, 52.0430, -23.5810



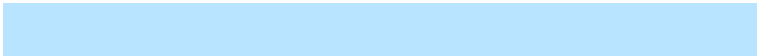
140.4830, -16.2230, -41.9110

Sweetspot

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



128.6060, -115.9060, -2.9620



217.9220, -34.8910, -0.9310



164.3360, -92.5060, -96.6820



104.8650, -21.5490, -0.4370



0.0000, 0.0000, 0.0000



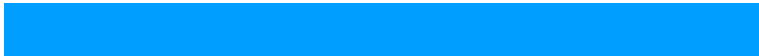
128.0000, -0.0000, -0.0000

Same Dimension

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



128.6060, -115.9060, -2.9620



121.8160, -125.3050, -3.3290



61.1010, -84.2810, 57.1830



118.1780, -6.3730, -0.1410



90.2250, -92.8440, -2.4120



29.2600, -30.0310, -0.9030

Inverse Universe

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



103.2080, 93.7900, 95.4380



94.2570, 101.2620, 103.1980



206.3120, 84.5560, -56.6600



116.7990, 5.1800, 5.2440



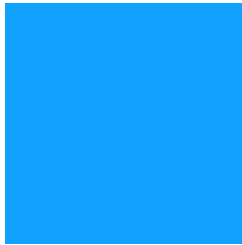
69.8490, 75.0870, 76.4550



22.5710, 24.1580, 24.7500

Previews

White Background



This preview shows how the YIQ color 128.6060, -115.9060, -2.9620 looks on a white background.

Color Contrast Check

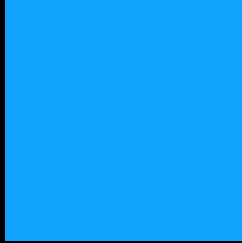
Large Text (above 18pt) WCAG AA × Fail

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 128.6060, -115.9060, -2.9620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

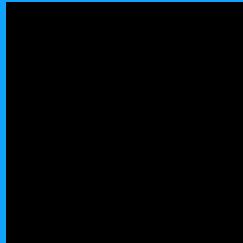
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

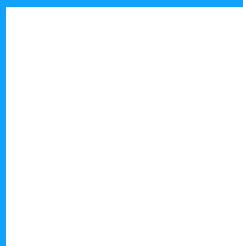
Any Text WCAG AAA ✓ Pass

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

YIQ 128.6060, -115.9060, -2.9620 Background



This preview shows how black text looks on a background with the YIQ color 128.6060, -115.9060, -2.9620.



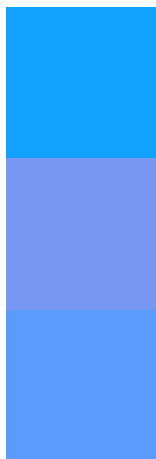
This preview shows how white text looks on a background with the YIQ color 128.6060, -115.9060,

-2.9620.

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

128.6060, -115.9060, -2.9620

Protanopia

152.1050, -47.6870, 21.7290

Deuteranopia

147.1500, -69.9230, 17.2210



Tritanopia

121.9400, -106.3640, -32.7320

Trichromacy



Original Color

128.6060, -115.9060, -2.9620

Protanomaly

143.5470, -72.7190, 12.8250

Deuteranomaly

140.7240, -86.5190, 9.6170

Tritanomaly

124.2360, -109.7130, -21.5930

Monochromacy



Original Color

128.6060, -115.9060, -2.9620

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

128.9150, -42.1810, -0.9730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 128.6060, -115.9060, -2.9620 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(16, 162, 252)` looks like.

```
.text, #text, p{  
    color:rgb(16, 162, 252)  
}
```

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(16, 162, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 162, 252) }
```

Border

The CSS property to change the border of an element to YIQ 128.6060, -115.9060, -2.9620 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(16, 162, 252) }
```


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

```
.border{ border-color:rgb(16, 162, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(16, 162, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 162, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 162, 252);  
box-shadow:4px 4px 4px 4px rgb(16, 162,  
252) }
```

Background

The CSS property to change the background color of an element to YIQ 128.6060, -115.9060, -2.9620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 162, 252) }
```

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

```
.background{ background-color: rgb(16, 162,  
252) }
```

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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