

Converting Colors

YIQ(136.8060, -92.9820, 0.0900)

Have a look what the booklet for
YIQ(136.8060, -92.9820, 0.0900)
contains.

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Color

**YIQ(136.8060, -92.9820,
0.0900)**

Conversions

Conversions Part 1

Format	Color
Hex	30A2F0
RGB	48, 162, 240
RGB Percent	19%, 64%, 94%
CMY	0.8119, 0.3645, 0.0592
CMYK	0.80, 0.32, 0.00, 0.06
HSL	204°, 86%, 56%
HSV	204°, 80%, 94%
XYZ	29.8570, 32.7694, 87.1043
YIQ	136.8060, -92.9820, 0.0900

Conversions

Conversions Part 2

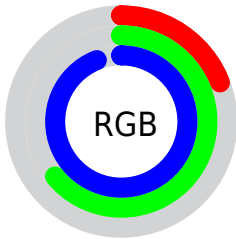
Format	Color
R _Y B	48, 120, 240
Decimal	3187440
CIE Lab	63.97, -4.82, -47.78
CIE LCh	64, 48.019, 264.235
Yxy	32.7694, 0.1994, 0.2189
Android (android.graphics.Color)	4281377520 (0xFF30A2F0)
YUV	136.8060, 50.8746, -77.8829
Hunter-Lab	57.2446, -7.0779, -50.1455

Details

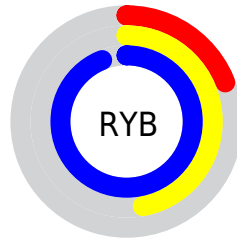
The YIQ color **136.8060, -92.9820, 0.0900** is a light color, and the websafe version is hex **0099FF**. The color can be described as light washed azure. A complement of this color would be **151.1940, 92.9820, -0.0900**, and the grayscale version is **136.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **193.2260, -68.2220, -8.1100**, and **86.0190, -89.2680, -1.1400** is the 20% darker color. If you saturate the color by 10%, you get **123.7600, -104.5360, 0.2320**, and if you desaturate by 10%, it is **149.8520, -81.4280, -0.0520**.

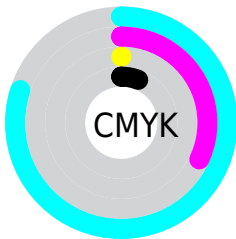
Distribution



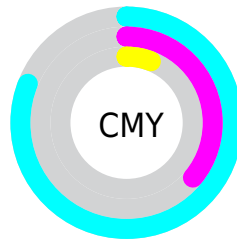
- Red (19%)
- Green (64%)
- Blue (94%)



- Red (19%)
- Yellow (47%)
- Blue (94%)



- Cyan (80%)
- Magenta (32%)
- Yellow (0%)
- Black (6%)



- Cyan (81%)
- Magenta (36%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 136.8060, -92.9820, 0.0900 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 136.8060, -92.9820, 0.0900 by changing the saturation by 10% instead.

■ 136.8060,
-92.9820, 0.0900

■ 136.8060,
-92.9820, 0.0900

■ 255.0000, -0.0000,
-0.0000

■ 103.8860,
-105.1310, -5.5070

■ 193.2260,
-68.2220, -8.1100

■ 86.0190, -89.2680,
-1.1400

■ 219.2300,
-56.8500, -15.9700

■ 68.8530, -74.0010,
3.0150

■ 234.3690,
-41.1240, -14.6280

■ 52.3880, -59.3300,
6.9580

■ 243.6380,
-22.6480, -8.0560

■ 37.0970, -45.2090,
9.8550

■ 252.9070, -4.1720,
-1.4840

■ 22.6210, -32.0050,
12.8510

■ 9.3190, -19.3510,

14.8010

■ 5.0500, -11.4640,
9.5280

■ 0.7980, -2.2470,
2.1770

■ 136.8060,
-92.9820, 0.0900

■ 136.8060,
-92.9820, 0.0900

■ 123.7600,
-104.5360, 0.2320

■ 149.8520,
-81.4280, -0.0520

■ 111.3010,
-116.3650, -0.1490

■ 162.8980,
-69.8740, -0.1940

■ 175.3570,
-58.0450, 0.1870

■ 188.4030,
-46.4910, 0.0450

■ 201.4490,
-34.9370, -0.0970

■ 213.9080,
-23.1080, 0.2840

■ 226.9540,
-11.5540, 0.1420

■ 240.0000, -0.0000,
-0.0000

■ 250.3550, 6.1900,
-2.0500

Harmonies

Analogous

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



126.5000, -119.2040, -20.2920



136.8060, -92.9820, 0.0900



156.2060, -28.7980, 26.3220

Triad

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



136.8060, -92.9820, 0.0900



155.2000, 67.6230, 24.4790



140.5130, -24.9350, -38.2070

Complementary

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



136.8060, -92.9820, 0.0900



151.1940, 92.9820, -0.0900

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.



147.7710, 18.4370, -31.2830



136.8060, -92.9820, 0.0900



154.0570, 65.7470, 3.4030

Square

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



136.8060, -92.9820, 0.0900



157.4330, 51.3900, 37.8380



151.6010, 48.6950, -17.9690



119.8420, -94.9450, -46.9530

Rectangle

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



136.8060, -92.9820, 0.0900



159.8850, 3.2030, 35.5790



151.6010, 48.6950, -17.9690



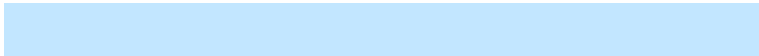
143.3640, -8.3380, -36.1300

Sweetspot

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



136.8060, -92.9820, 0.0900



222.0860, -29.4810, 0.1430



169.4820, -77.5170, -76.4690



108.1320, -17.9270, 0.0010



0.0000, 0.0000, 0.0000



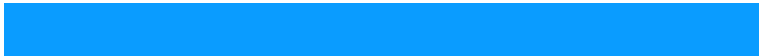
128.0000, -0.0000, -0.0000

Same Dimension

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



136.8060, -92.9820, 0.0900



123.6320, -118.7950, -0.1630



81.0410, -66.8570, 49.7750



113.4770, -5.7770, 0.0710



84.9590, -89.0390, 0.2170



25.7550, -27.0510, 0.1570

Inverse Universe

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



118.4040, 77.8380, 76.1580



99.8990, 99.1540, 97.3460



206.9590, 66.8570, -49.7750



112.3860, 4.9050, 4.7210



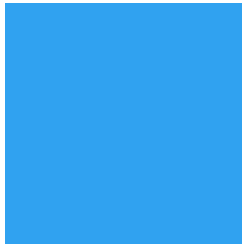
67.4420, 74.6750, 72.9070



20.5060, 22.7830, 22.1350

Previews

White Background



This preview shows how the YIQ color 136.8060, -92.9820, 0.0900 looks on a white background.

Color Contrast Check

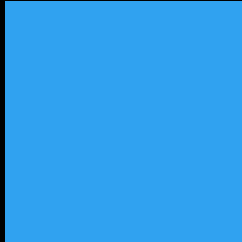
Large Text (above 18pt) WCAG AA × Fail

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 136.8060, -92.9820, 0.0900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

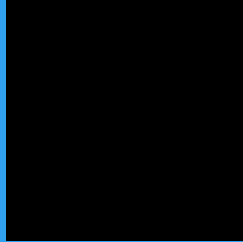
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

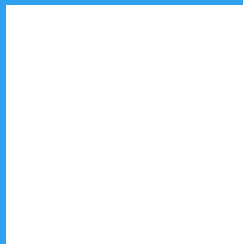
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 136.8060, -92.9820, 0.0900

Background



This preview shows how black text looks on a background with the YIQ color 136.8060, -92.9820, 0.0900.

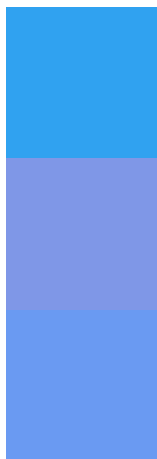


This preview shows how white text looks on a background with the YIQ color 136.8060, -92.9820,

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

136.8060, -92.9820, 0.0900

Protanopia

152.9440, -39.9840, 19.7920

Deuteranopia

149.6800, -56.8560, 17.1920

Trichromacy



Original Color

136.8060, -92.9820, 0.0900

Protanomaly

146.9630, -59.3310, 12.4850

Deuteranomaly

145.0480, -69.8760, 10.8600

Monochromacy



Original Color

136.8060, -92.9820, 0.0900

Achromatopsia

137.0000, -0.0000, 0.0000

Achromatomaly

136.9330, -33.4240, 0.0160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 136.8060, -92.9820, 0.0900 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(48, 162, 240)` looks like.

```
.text, #text, p{  
    color:rgb(48, 162, 240)  
}
```

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(48, 162, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 162, 240) }
```

Border

The CSS property to change the border of an element to YIQ 136.8060, -92.9820, 0.0900 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(48, 162, 240) }
```

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

```
.border{ border-color:rgb(48, 162, 240) }
```

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

Here you see how a box with a 4 pixel rgb(48, 162, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 162, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 162, 240);  
box-shadow:4px 4px 4px 4px rgb(48, 162,  
240) }
```


Background

The CSS property to change the background color of an element to YIQ 136.8060, -92.9820, 0.0900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 162, 240) }
```

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

```
.background{ background-color: rgb(48, 162,  
240) }
```

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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