

Converting Colors

YIQ(188.5410, -29.0240, 8.3840)

Have a look what the booklet for
YIQ(188.5410, -29.0240, 8.3840)
contains.

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Color

**YIQ(188.5410, -29.0240,
8.3840)**

Conversions

Conversions Part 1

Format	Color
Hex	A6BFEB
RGB	166, 191, 235
RGB Percent	65%, 75%, 92%
CMY	0.3490, 0.2509, 0.0786
CMYK	0.29, 0.19, 0.00, 0.08
HSL	218°, 63%, 79%
HSV	218°, 29%, 92%
XYZ	49.3472, 51.3683, 85.8826
YIQ	188.5410, -29.0240, 8.3840

Conversions

Conversions Part 2

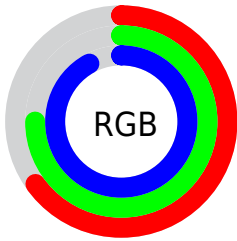
Format	Color
R_{YB}	166, 184, 235
Decimal	10928107
CIE _{Lab}	76.90, 1.43, -24.61
CIE _{LCh}	77, 24.656, 273.314
Yxy	51.3683, 0.2645, 0.2753
Android (android.graphics.Color)	4289118187 (0xFFA6BFEB)
YUV	188.5410, 22.9043, -19.7685
Hunter-Lab	71.6717, -2.5251, -20.8757

Details

The YIQ color **188.5410, -29.0240, 8.3840** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **212.4590, 29.0240, -8.3840**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.4370, -17.4680, -2.8120**, and **134.9000, -28.6570, 7.2390** is the 20% darker color. If you saturate the color by 10%, you get **172.5600, -39.2030, 11.1410**, and if you desaturate by 10%, it is **204.2230, -19.4410, 5.4150**.

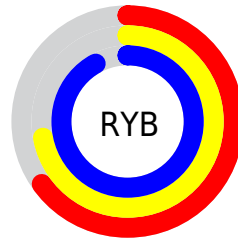
Distribution



Red (65%)

Green (75%)

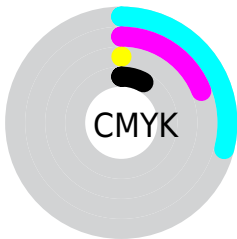
Blue (92%)



Red (65%)

Yellow (72%)

Blue (92%)

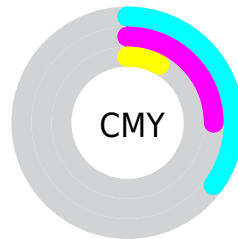


Cyan (29%)

Magenta (19%)

Yellow (0%)

Black (8%)



Cyan (35%)

Magenta (25%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 188.5410, -29.0240, 8.3840 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 188.5410, -29.0240, 8.3840 by changing the saturation by 10% instead.

■ 188.5410,
-29.0240, 8.3840

■ 188.5410,
-29.0240, 8.3840

■ 255.0000, -0.0000,
-0.0000

■ 161.4270,
-28.7030, 8.0730

■ 240.4370,
-17.4680, -2.8120

■ 134.9000,
-28.6570, 7.2390

■ 253.8040, -2.3840,
-0.8480

■ 108.7860,
-28.3360, 6.9280

■ 84.2590, -28.2900,
6.0940

■ 60.1340, -29.4360,
4.8360

■ 34.9160, -34.7540,
2.0940

■ 19.6570, -23.6590,

4.7650

■ 4.8220, -10.8220,
8.9060

■ 0.5700, -1.6050,
1.5550

■ 188.5410,
-29.0240, 8.3840

■ 188.5410,
-29.0240, 8.3840

■ 172.5600,
-39.2030, 11.1410

■ 204.2230,
-19.4410, 5.4150

■ 156.8780,
-48.7860, 14.1100

■ 220.2040, -9.2620,
2.6580

■ 141.1960,
-58.3690, 17.0790

■ 235.8860, 0.3210,
-0.3110

■ 125.2150,
-68.5480, 19.8360

■ 250.3720, 7.5200,
-4.1280

■ 109.5330,
-78.1310, 22.8050

■ 252.7200, 6.4200,
-6.2200

■ 93.5520, -88.3100,
25.5620

■ 77.8700, -97.8930,
28.5310

■ 76.6850, -98.8100,
28.6300

Harmonies

Analogous

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



183.7080, -46.0320, -2.7680



188.5410, -29.0240, 8.3840



192.3160, -6.1010, 16.9630

Triad

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



188.5410, -29.0240, 8.3840



192.8000, 38.9700, 9.6100



183.0000, -18.3360, -20.1280

Complementary

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



188.5410, -29.0240, 8.3840



212.4590, 29.0240, -8.3840

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.



185.7870, 4.3130, -17.5990



188.5410, -29.0240, 8.3840



190.9100, 35.3040, -1.0480

Square

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



188.5410, -29.0240, 8.3840



193.2480, 32.1370, 17.8090



188.3550, 23.3850, -10.8150



180.5170, -38.7850, -18.4730

Rectangle

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



188.5410, -29.0240, 8.3840



193.2100, 8.9370, 19.7610



188.3550, 23.3850, -10.8150



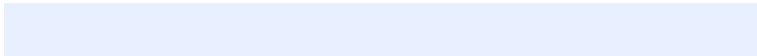
184.3060, -10.4500, -19.8740

Sweetspot

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



188.5410, -29.0240, 8.3840



239.3180, -9.5830, 2.9690



211.5190, -33.0990, -22.4030



118.2320, -6.4650, 1.5270



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.



188.5410, -29.0240, 8.3840



194.9300, -37.3690, 10.9430



176.5570, -16.7850, 23.3670



109.6020, -4.6310, 1.3290



59.3760, -76.2510, 21.7730



17.3090, -22.5590, 6.8570

Inverse Universe

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



189.4810, 33.0990, 22.4030



196.2590, 42.7720, 28.8200



224.4430, 16.7850, -23.3670



109.7450, 5.2720, 3.5760



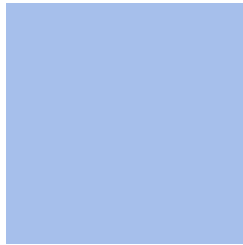
61.6430, 86.6900, 58.8980



18.3120, 26.0850, 17.3570

Previews

White Background



This preview shows how the YIQ color 188.5410, -29.0240, 8.3840 looks on a white background.

Color Contrast Check

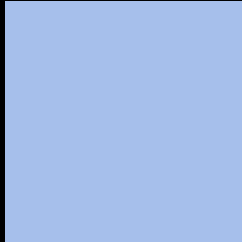
Large Text (above 18pt) WCAG AA × Fail

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 188.5410, -29.0240, 8.3840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

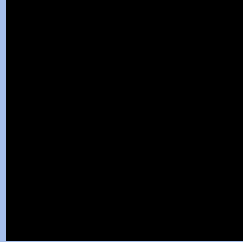
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

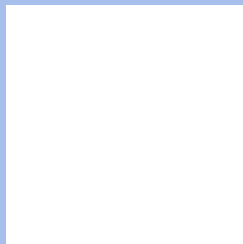
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 188.5410, -29.0240, 8.3840

Background



This preview shows how black text looks on a background with the YIQ color 188.5410, -29.0240, 8.3840.



This preview shows how white text looks on a background with the YIQ color 188.5410, -29.0240,

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

188.5410, -29.0240, 8.3840

Protanopia

190.4390, -19.8090, 12.0870

Deuteranopia

191.1020, -17.2420, 15.1260



Tritanopia

186.6580, -25.4000, -2.2320

Trichromacy



Original Color

188.5410, -29.0240, 8.3840

Protanomaly

189.6450, -23.3850, 10.8150

Deuteranomaly

190.1830, -21.9640, 12.5960

Tritanomaly

187.6950, -26.8220, 1.5140

Monochromacy



Original Color

188.5410, -29.0240, 8.3840

Achromatopsia

189.0000, -0.0000, -0.0000

Achromatomaly

189.1330, -10.5000, 3.0680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 188.5410, -29.0240, 8.3840 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(166, 191, 235)` looks like.

```
.text, #text, p{  
    color:rgb(166, 191, 235)  
}
```

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(166, 191, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 191, 235) }
```

Border

The CSS property to change the border of an element to YIQ 188.5410, -29.0240, 8.3840 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(166, 191, 235) }
```


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

```
.border{ border-color:rgb(166, 191, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 191, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 191, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 191, 235);  
box-shadow:4px 4px 4px 4px rgb(166, 191,  
235) }
```

Background

The CSS property to change the background color of an element to YIQ 188.5410, -29.0240, 8.3840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 191, 235) }
```

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

```
.background{ background-color: rgb(166,  
191, 235) }
```

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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