

Converting Colors

YIQ(186.5070, -31.6840,
12.5400)

Have a look what the booklet for
YIQ(186.5070, -31.6840, 12.5400)
contains.

YIQ(186.5070, -31.6840, 12.5400)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(186.5070, -31.6840,
12.5400)**

Conversions

Conversions Part 1

Format	Color
Hex	A4BBF3
RGB	164, 187, 243
RGB Percent	64%, 73%, 95%
CMY	0.3569, 0.2666, 0.0472
CMYK	0.32, 0.23, 0.00, 0.05
HSL	223°, 77%, 80%
HSV	223°, 32%, 95%
XYZ	49.2524, 49.9052, 91.7967
YIQ	186.5070, -31.6840, 12.5400

Conversions

Conversions Part 2

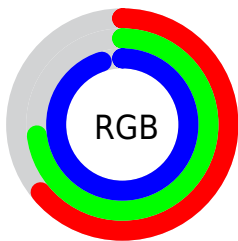
Format	Color
RYB	164, 182, 243
Decimal	10796019
CIELab	76.01, 5.01, -30.30
CIElCh	76, 30.709, 279.382
Yxy	49.9052, 0.2579, 0.2613
Android (android.graphics.Color)	4288986099 (0xFFA4BBF3)
YUV	186.5070, 27.8510, -19.7386
Hunter-Lab	70.6436, 0.8228, -27.5928

Details

The YIQ color $186.5070, -31.6840, 12.5400$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $220.4930, 31.6840, -12.5400$, and the grayscale version is $186.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $237.7900, -16.9640, -0.9320$, and $132.8660, -31.3170, 11.3950$ is the 20% darker color. If you saturate the color by 10%, you get $169.3520, -41.3130, 16.3430$, and if you desaturate by 10%, it is $203.6620, -22.0550, 8.7370$.

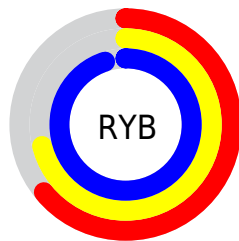
Distribution



Red (64%)

Green (73%)

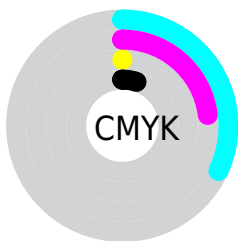
Blue (95%)



Red (64%)

Yellow (71%)

Blue (95%)

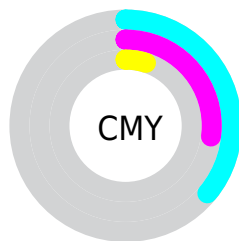


Cyan (32%)

Magenta (23%)

Yellow (0%)

Black (5%)



Cyan (36%)

Magenta (27%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 186.5070, -31.6840, 12.5400 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 186.5070, -31.6840, 12.5400 by changing the saturation by 10% instead.

■ 186.5070,
-31.6840, 12.5400

■ 186.5070,
-31.6840, 12.5400

■ 255.0000, -0.0000,
-0.0000

■ 159.2790,
-31.0420, 11.9180

■ 237.7900,
-16.9640, -0.9320

■ 132.8660,
-31.3170, 11.3950

■ 253.5050, -2.9800,
-1.0600

■ 106.9260,
-31.5460, 10.0380

■ 82.1000, -32.0960,
8.9920

■ 57.3770, -34.4340,
7.3100

■ 32.9420, -37.6430,
4.8930

■ 18.5800, -24.7600,

8.2000

■ 5.5060, -12.7480,
10.7720

■ 2.1830, -4.7690,
3.8310

■ 186.5070,
-31.6840, 12.5400

■ 186.5070,
-31.6840, 12.5400

■ 169.3520,
-41.3130, 16.3430

■ 203.6620,
-22.0550, 8.7370

■ 151.8980,
-51.5380, 19.9340

■ 221.1160,
-11.8300, 5.1460

■ 134.1560,
-60.8920, 24.2600

■ 238.8580, -2.4760,
0.8200

■ 117.0010,
-70.5210, 28.0630

■ 253.6320, 3.8520,
-3.7320

■ 99.8460, -80.1500,
31.8660

■ 82.3920, -90.3750,
35.4570

■ 69.3790, -97.5280,
38.4400

Harmonies

Analogous

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



179.4880, -57.0360, -1.5800



186.5070, -31.6840, 12.5400



190.9300, -1.8380, 22.3060

Triad

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



186.5070, -31.6840, 12.5400



189.2910, 47.7730, 9.7650



177.6780, -29.2930, -25.3010

Complementary

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



186.5070, -31.6840, 12.5400



220.4930, 31.6840, -12.5400

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.



181.2870, -0.2710, -22.6310



186.5070, -31.6840, 12.5400



187.7380, 41.5400, -3.9320

Square

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



186.5070, -31.6840, 12.5400



190.8040, 42.3150, 20.5790



184.7910, 24.8530, -15.3950



173.4980, -54.9690, -22.5290

Rectangle

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



186.5070, -31.6840, 12.5400



191.7920, 16.2260, 25.3300



184.7910, 24.8530, -15.3950



178.7670, -19.2980, -24.7220

Sweetspot

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



186.5070, -31.6840, 12.5400



236.9590, -9.9500, 4.1140



216.6430, -39.3800, -24.2120



116.7590, -6.5110, 2.3610



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.



186.5070, -31.6840, 12.5400



184.3090, -39.7540, 15.6220



177.7900, -15.8230, 27.9610



113.7160, -4.9520, 1.6400



52.9020, -74.5560, 29.6040



16.7050, -23.6140, 9.4580

Inverse Universe

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



190.2430, 39.7010, 23.9010



188.9070, 49.6950, 30.0070



229.2100, 15.8230, -27.9610



114.0440, 5.8680, 3.7880



61.7700, 93.5220, 56.2260



19.5790, 29.7070, 17.7950

Previews

White Background



This preview shows how the YIQ color 186.5070, -31.6840, 12.5400 looks on a white background.

Color Contrast Check

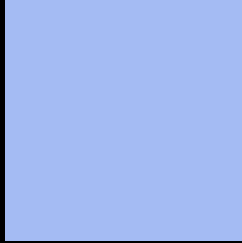
Large Text (above 18pt) WCAG AA × Fail

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 186.5070, -31.6840, 12.5400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

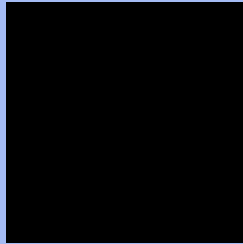
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 186.5070, -31.6840, 12.5400

Background



This preview shows how black text looks on a background with the YIQ color 186.5070, -31.6840, 12.5400.



This preview shows how white text looks on a background with the YIQ color 186.5070, -31.6840,

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

186.5070, -31.6840, 12.5400

Protanopia

187.4970, -25.7240, 14.6600

Deuteranopia

188.1490, -24.6240, 16.7520



Tritanopia

183.7610, -27.1880, -2.8680

Trichromacy



Original Color

186.5070, -31.6840, 12.5400

Protanomaly

187.3010, -28.1080, 13.8120

Deuteranomaly

187.5400, -27.2830, 15.3810

Tritanomaly

184.8520, -28.7020, 2.5460

Monochromacy



Original Color

186.5070, -31.6840, 12.5400

Achromatopsia

187.0000, -0.0000, -0.0000

Achromatomaly

186.8880, -11.1880, 4.5240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 186.5070, -31.6840, 12.5400 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(164, 187, 243)` looks like.

```
.text, #text, p{  
    color:rgb(164, 187, 243)  
}
```

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(164, 187, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 187, 243) }
```

Border

The CSS property to change the border of an element to YIQ 186.5070, -31.6840, 12.5400 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(164, 187, 243) }
```


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

```
.border{ border-color:rgb(164, 187, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 187, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 187, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 187, 243);  
box-shadow:4px 4px 4px 4px rgb(164, 187,  
243) }
```

Background

The CSS property to change the background color of an element to YIQ 186.5070, -31.6840, 12.5400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 187, 243) }
```

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

```
.background{ background-color: rgb(164,  
187, 243) }
```

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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