

Converting Colors

YIQ(186.6890, -26.6850, 4.5390)

Have a look what the booklet for
YIQ(186.6890, -26.6850, 4.5390)
contains.

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Color

**YIQ(186.6890, -26.6850,
4.5390)**

Conversions

Conversions Part 1

Format	Color
Hex	A4BFE0
RGB	164, 191, 224
RGB Percent	64%, 75%, 88%
CMY	0.3569, 0.2509, 0.1217
CMYK	0.27, 0.15, 0.00, 0.12
HSL	213°, 49%, 76%
HSV	213°, 27%, 88%
XYZ	47.3908, 50.5379, 77.7542
YIQ	186.6890, -26.6850, 4.5390

Conversions

Conversions Part 2

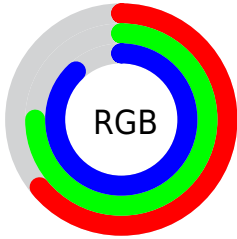
Format	Color
R _Y B	164, 183, 224
Decimal	10797024
CIE Lab	76.40, -1.79, -19.46
CIE LCh	76, 19.540, 264.751
Yxy	50.5379, 0.2698, 0.2877
Android (android.graphics.Color)	4288987104 (0xFFA4BFE0)
YUV	186.6890, 18.3943, -19.8983
Hunter-Lab	71.0900, -5.4139, -15.0850

Details

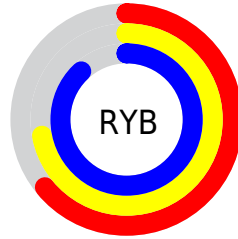
The YIQ color $186.6890, -26.6850, 4.5390$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $201.3110, 26.6850, -4.5390$, and the grayscale version is $187.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $239.8390, -18.6600, -3.2360$, and $133.4610, -26.0430, 3.9170$ is the 20% darker color. If you saturate the color by 10%, you get $173.0670, -36.4970, 6.1510$, and if you desaturate by 10%, it is $200.3110, -16.8730, 2.9270$.

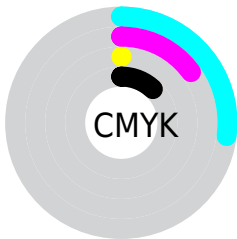
Distribution



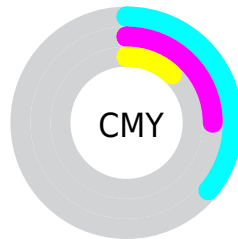
- Red (64%)
- Green (75%)
- Blue (88%)



- Red (64%)
- Yellow (72%)
- Blue (88%)



- Cyan (27%)
- Magenta (15%)
- Yellow (0%)
- Black (12%)



- Cyan (36%)
- Magenta (25%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 186.6890, -26.6850, 4.5390 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 186.6890, -26.6850, 4.5390 by changing the saturation by 10% instead.

■ 186.6890,
-26.6850, 4.5390

■ 186.6890,
-26.6850, 4.5390

■ 255.0000, -0.0000,
-0.0000

■ 159.5750,
-26.3640, 4.2280

■ 239.8390,
-18.6600, -3.2360

■ 133.4610,
-26.0430, 3.9170

■ 253.2060, -3.5760,
-1.2720

■ 107.3470,
-25.7220, 3.6060

■ 82.9340, -25.9970,
3.0830

■ 59.1080, -26.5470,
2.0370

■ 35.0860, -29.4810,
0.1430

■ 18.1580, -20.8160,

2.8000

■ 3.4370, -8.3000,
7.2520

■ 0.0000, 0.0000,
0.0000

■ 186.6890,
-26.6850, 4.5390

■ 186.6890,
-26.6850, 4.5390

■ 173.0670,
-36.4970, 6.1510

■ 200.3110,
-16.8730, 2.9270

■ 158.5590,
-46.6300, 8.0740

■ 214.8190, -6.7400,
1.0040

■ 144.9370,
-56.4420, 9.6860

■ 228.4410, 3.0720,
-0.6080

■ 131.0160,
-66.8500, 11.0860

■ 242.3620, 13.4800,
-2.0080

■ 116.8070,
-76.3870, 13.2210

■ 250.2920, 10.5010,
-8.5950

■ 103.1850,
-86.1990, 14.8330

■ 251.4660, 9.9510,
-9.6410

■ 89.2640, -96.6070,
16.2330

■ 84.8230, -99.6790,
16.8410

Harmonies

Analogous

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



183.4440, -36.5410, -4.0690



186.6890, -26.6850, 4.5390



190.0010, -9.7680, 11.8320

Triad

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



186.6890, -26.6850, 4.5390



191.3090, 30.1670, 9.4550



183.7240, -8.5710, -15.3790

Complementary

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



186.6890, -26.6850, 4.5390



201.3110, 26.6850, -4.5390

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.



186.1020, 7.9800, -12.4680



186.6890, -26.6850, 4.5390



189.6800, 30.2600, 2.2600

Square

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



186.6890, -26.6850, 4.5390



191.8770, 22.8760, 14.9400



188.2180, 22.5130, -6.0230



182.0410, -25.5810, -15.4770

Rectangle

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



186.6890, -26.6850, 4.5390



191.3400, 2.5190, 14.9270



188.2180, 22.5130, -6.0230



184.6600, -2.5190, -14.9270

Sweetspot

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



186.6890, -26.6850, 4.5390



242.5630, -8.8950, 1.5130



202.8680, -26.7720, -21.4280



119.4170, -5.5480, 1.4280



0.0000, 0.0000, 0.0000



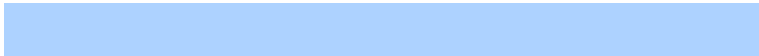
128.0000, -0.0000, -0.0000

Same Dimension

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



186.6890, -26.6850, 4.5390



204.0670, -36.4970, 6.1510



171.4380, -18.0680, 19.0840



105.1890, -4.9060, 0.8060



66.4370, -78.2210, 13.4190



18.3860, -21.4580, 3.4220

Inverse Universe

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



185.0180, 27.0930, 21.1170



201.7360, 36.9950, 28.8910



216.5620, 18.0680, -19.0840



104.8590, 4.9510, 3.8870



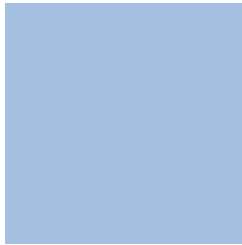
61.6300, 79.5370, 61.8810



16.8600, 21.5460, 17.0180

Previews

White Background



This preview shows how the YIQ color 186.6890, -26.6850, 4.5390 looks on a white background.

Color Contrast Check

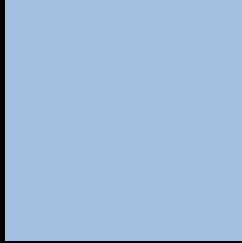
Large Text (above 18pt) WCAG AA × Fail

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 186.6890, -26.6850, 4.5390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

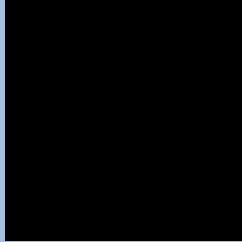
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

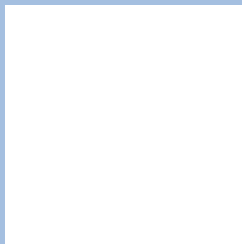
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 186.6890, -26.6850, 4.5390

Background



This preview shows how black text looks on a background with the YIQ color 186.6890, -26.6850, 4.5390.



This preview shows how white text looks on a background with the YIQ color 186.6890, -26.6850,

4.5390.

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

186.6890, -26.6850, 4.5390

Protanopia

188.4950, -14.2150, 9.8250

Deuteranopia

189.8700, -10.7770, 13.5990



Tritanopia

185.8430, -24.4830, -2.3310

Trichromacy



Original Color

186.6890, -26.6850, 4.5390

Protanomaly

187.9890, -18.6620, 7.8180

Deuteranomaly

188.9400, -16.9660, 10.1220

Tritanomaly

186.1250, -25.2170, -0.0410

Monochromacy



Original Color

186.6890, -26.6850, 4.5390

Achromatopsia

187.0000, -0.0000, -0.0000

Achromatomaly

186.6770, -9.2160, 1.8240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 186.6890, -26.6850, 4.5390 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, 191, 224)` looks like.

```
.text, #text, p{  
    color:rgb(164, 191, 224)  
}
```

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, 191, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 191, 224) }
```

Border

The CSS property to change the border of an element to YIQ 186.6890, -26.6850, 4.5390 is called "border". The border property can be set on classes, ids or directly on the HTML element.

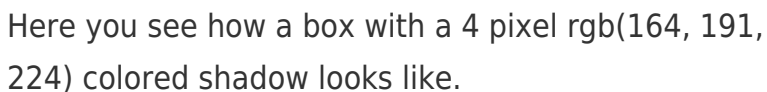
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(164, 191, 224) }
```


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

```
.border{ border-color:rgb(164, 191, 224) }
```

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



Here you see how a box with a 4 pixel `rgb(164, 191, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 191, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 191, 224);  
box-shadow:4px 4px 4px 4px rgb(164, 191,  
224) }
```

Background

The CSS property to change the background color of an element to YIQ 186.6890, -26.6850, 4.5390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 191, 224) }
```

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

```
.background{ background-color: rgb(164,  
191, 224) }
```

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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