

Converting Colors

YIQ(187.5690, -26.2270, 7.2530)

Have a look what the booklet for
YIQ(187.5690, -26.2270, 7.2530)
contains.

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Color

**YIQ(187.5690, -26.2270,
7.2530)**

Conversions

Conversions Part 1

Format	Color
Hex	A7BEE5
RGB	167, 190, 229
RGB Percent	65%, 75%, 90%
CMY	0.3451, 0.2548, 0.1021
CMYK	0.27, 0.17, 0.00, 0.10
HSL	218°, 54%, 78%
HSV	218°, 27%, 90%
XYZ	48.4884, 50.7010, 81.3343
YIQ	187.5690, -26.2270, 7.2530

Conversions

Conversions Part 2

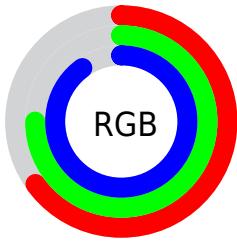
Format	Color
R_{YB}	167, 184, 229
Decimal	10993381
CIE Lab	76.50, 0.82, -21.99
CIE LCh	76, 22.005, 272.140
Yxy	50.7010, 0.2686, 0.2809
Android (android.graphics.Color)	4289183461 (0xFFA7BEE5)
YUV	187.5690, 20.4255, -18.0390
Hunter-Lab	71.2046, -3.0547, -17.8814

Details

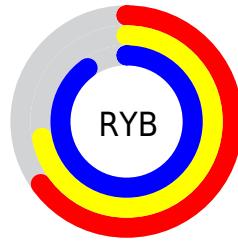
The YIQ color **187.5690, -26.2270, 7.2530** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **208.4310, 26.2270, -7.2530**, and the grayscale version is **187.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **240.1490, -16.5970, -2.0770**, and **134.2270, -25.2640, 6.3200** is the 20% darker color. If you saturate the color by 10%, you get **172.4740, -36.0850, 9.6990**, and if you desaturate by 10%, it is **202.6640, -16.3690, 4.8070**.

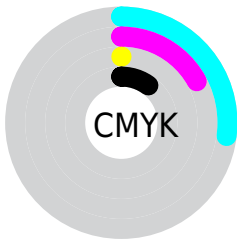
Distribution



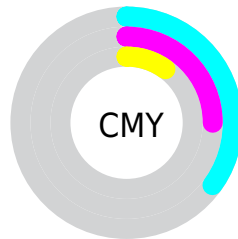
- Red (65%)
- Green (75%)
- Blue (90%)



- Red (65%)
- Yellow (72%)
- Blue (90%)



- Cyan (27%)
- Magenta (17%)
- Yellow (0%)
- Black (10%)



- Cyan (35%)
- Magenta (25%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 187.5690, -26.2270, 7.2530 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 187.5690, -26.2270, 7.2530 by changing the saturation by 10% instead.

■ 187.5690,
-26.2270, 7.2530

■ 187.5690,
-26.2270, 7.2530

■ 255.0000, -0.0000,
-0.0000

■ 160.4550,
-25.9060, 6.9420

■ 240.1490,
-16.5970, -2.0770

■ 134.2270,
-25.2640, 6.3200

■ 254.1030, -1.7880,
-0.6360

■ 108.2270,
-25.2640, 6.3200

■ 83.7000, -25.2180,
5.4860

■ 59.8740, -25.7680,
4.4400

■ 35.8520, -28.7020,
2.5460

■ 18.5000, -21.7790,

3.7330

■ 4.3660, -9.5380,
7.6620

■ 0.0000, 0.0000,
0.0000

■ 187.5690,
-26.2270, 7.2530

■ 187.5690,
-26.2270, 7.2530

■ 172.4740,
-36.0850, 9.6990

■ 202.6640,
-16.3690, 4.8070

■ 156.7920,
-45.6680, 12.6680

■ 218.3460, -6.7860,
1.8380

■ 141.6970,
-55.5260, 15.1140

■ 233.4410, 3.0720,
-0.6080

■ 126.0150,
-65.1090, 18.0830

■ 247.9270, 10.2710,
-4.4250

■ 111.2190,
-74.3710, 20.7410

■ 252.0360, 8.3460,
-8.0860

■ 96.1240, -84.2290,
23.1870

■ 80.4420, -93.8120,
26.1560

■ 76.0010, -96.8840,
26.7640

Harmonies

Analogous

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



183.3450, -40.5760, -2.5280



187.5690, -26.2270, 7.2530



190.8490, -6.2840, 14.7720

Triad

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



187.5690, -26.2270, 7.2530



191.2340, 34.7520, 8.9600



183.0220, -15.4020, -18.2340

Complementary

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



187.5690, -26.2270, 7.2530



208.4310, 26.2270, -7.2530

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.



185.2540, 4.4960, -15.4080



187.5690, -26.2270, 7.2530



189.7680, 32.8280, -0.2280

Square

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



187.5690, -26.2270, 7.2530



192.0410, 28.2860, 16.0140



187.9250, 21.7800, -9.2600



180.5070, -32.8250, -16.3530

Rectangle

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



187.5690, -26.2270, 7.2530



192.2590, 7.2410, 17.4570



187.9250, 21.7800, -9.2600



183.5560, -8.1580, -17.3580

Sweetspot

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



187.5690, -26.2270, 7.2530



241.3890, -8.3450, 2.5590



207.7260, -29.2480, -20.6080



118.8300, -5.2730, 1.9510



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.



187.5690, -26.2270, 7.2530



200.5450, -34.8470, 9.2890



176.1610, -15.7300, 20.7660



107.3030, -5.2270, 1.1170



59.1480, -75.6090, 21.1510



16.9670, -21.5960, 5.9240

Inverse Universe

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



188.1600, 29.5690, 20.2970



201.0520, 38.9210, 27.0250



219.8390, 15.7300, -20.7660



107.1580, 5.5470, 4.0990



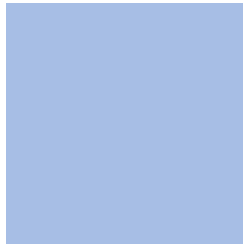
61.0450, 85.4980, 58.4740



17.4150, 24.2970, 16.7210

Previews

White Background



This preview shows how the YIQ color 187.5690, -26.2270, 7.2530 looks on a white background.

Color Contrast Check

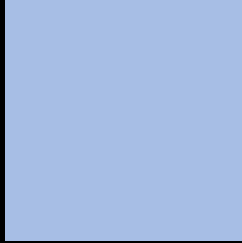
Large Text (above 18pt) WCAG AA × Fail

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 187.5690, -26.2270, 7.2530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

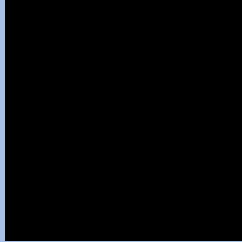
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

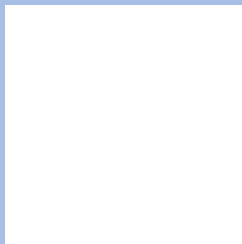
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 187.5690, -26.2270, 7.2530

Background



This preview shows how black text looks on a background with the YIQ color 187.5690, -26.2270, 7.2530.



This preview shows how white text looks on a background with the YIQ color 187.5690, -26.2270,

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

187.5690, -26.2270, 7.2530

Protanopia

189.4670, -17.0120, 10.9560

Deuteranopia

189.8420, -13.5740, 14.7300



Tritanopia

185.8540, -23.0160, -1.3840

Trichromacy



Original Color

187.5690, -26.2270, 7.2530

Protanomaly

188.6730, -20.5880, 9.6840

Deuteranomaly

188.9230, -18.2960, 12.2000

Tritanomaly

186.3640, -24.3920, 1.5280

Monochromacy



Original Color

187.5690, -26.2270, 7.2530

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

187.9050, -9.8580, 2.4460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 187.5690, -26.2270, 7.2530 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(167, 190, 229)` looks like.

```
.text, #text, p{  
    color:rgb(167, 190, 229)  
}
```

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(167, 190, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 190, 229) }
```

Border

The CSS property to change the border of an element to YIQ 187.5690, -26.2270, 7.2530 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(167, 190, 229) }
```


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

```
.border{ border-color:rgb(167, 190, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 190, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 190, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 190, 229);  
box-shadow:4px 4px 4px 4px rgb(167, 190,  
229) }
```

Background

The CSS property to change the background color of an element to YIQ 187.5690, -26.2270, 7.2530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 190, 229) }
```

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

```
.background{ background-color: rgb(167,  
190, 229) }
```

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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