

Converting Colors

YIQ(190.6120, -27.7860, 7.9740)

Have a look what the booklet for
YIQ(190.6120, -27.7860, 7.9740)
contains.

YIQ(190.6120, -27.7860, 7.9740)	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(190.6120, -27.7860,
7.9740)**

Conversions

Conversions Part 1

Format	Color
Hex	A9C1EB
RGB	169, 193, 235
RGB Percent	66%, 76%, 92%
CMY	0.3373, 0.2431, 0.0786
CMYK	0.28, 0.18, 0.00, 0.08
HSL	218°, 62%, 79%
HSV	218°, 28%, 92%
XYZ	50.4228, 52.5746, 86.0600
YIQ	190.6120, -27.7860, 7.9740

Conversions

Conversions Part 2

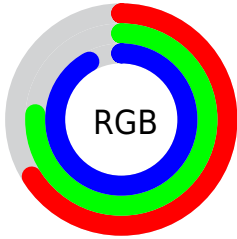
Format	Color
R _Y B	169, 187, 235
Decimal	11125227
CIE Lab	77.62, 1.21, -23.50
CIE LCh	78, 23.529, 272.957
Yxy	52.5746, 0.2667, 0.2781
Android (android.graphics.Color)	4289315307 (0xFFA9C1EB)
YUV	190.6120, 21.8833, -18.9537
Hunter-Lab	72.5084, -2.7595, -19.6153

Details

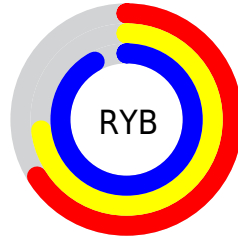
The YIQ color $190.6120, -27.7860, 7.9740$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $213.3880, 27.7860, -7.9740$, and the grayscale version is $190.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $242.5080, -16.2300, -3.2220$, and $136.9710, -27.4190, 6.8290$ is the 20% darker color. If you saturate the color by 10%, you get $174.6310, -37.9650, 10.7310$, and if you desaturate by 10%, it is $206.2940, -18.2030, 5.0050$.

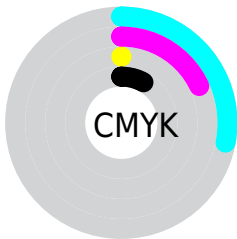
Distribution



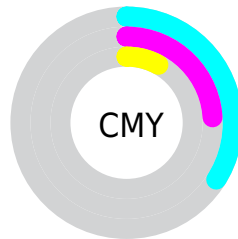
- Red (66%)
- Green (76%)
- Blue (92%)



- Red (66%)
- Yellow (73%)
- Blue (92%)



- Cyan (28%)
- Magenta (18%)
- Yellow (0%)
- Black (8%)



- Cyan (34%)
- Magenta (24%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 190.6120, -27.7860, 7.9740 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 190.6120, -27.7860, 7.9740 by changing the saturation by 10% instead.

■ 190.6120,
-27.7860, 7.9740

■ 190.6120,
-27.7860, 7.9740

■ 255.0000, -0.0000,
-0.0000

■ 163.4980,
-27.4650, 7.6630

■ 242.5080,
-16.2300, -3.2220

■ 136.9710,
-27.4190, 6.8290

■ 254.7010, -0.5960,
-0.2120

■ 110.8570,
-27.0980, 6.5180

■ 86.3300, -27.0520,
5.6840

■ 61.9170, -27.3270,
5.1610

■ 37.8840, -31.7280,
2.3200

■ 20.2440, -23.9340,

4.2420

■ 4.9360, -11.1430,
9.2170

■ 0.5700, -1.6050,
1.5550

■ 190.6120,
-27.7860, 7.9740

■ 190.6120,
-27.7860, 7.9740

■ 174.6310,
-37.9650, 10.7310

■ 206.2940,
-18.2030, 5.0050

■ 158.9490,
-47.5480, 13.7000

■ 222.2750, -8.0240,
2.2480

■ 143.2670,
-57.1310, 16.6690

■ 237.9570, 1.5590,
-0.7210

■ 127.2860,
-67.3100, 19.4260

■ 251.5460, 6.9700,
-5.1740

■ 111.6040,
-76.8930, 22.3950

■ 252.7200, 6.4200,
-6.2200

■ 95.6230, -87.0720,
25.1520

■ 79.9410, -96.6550,
28.1210

■ 77.2720, -99.0850,
28.1070

Harmonies

Analogous

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



185.7900, -43.3270, -2.2310



190.6120, -27.7860, 7.9740



193.7890, -6.0550, 16.1290

Triad

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



190.6120, -27.7860, 7.9740



194.3160, 37.4570, 9.4970



185.0110, -16.8690, -19.1810

Complementary

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



190.6120, -27.7860, 7.9740



213.3880, 27.7860, -7.9740

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.



188.3140, 4.2670, -16.7650



190.6120, -27.7860, 7.9740



192.8390, 34.0660, -0.6380

Square

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



190.6120, -27.7860, 7.9740



195.2370, 30.6700, 16.8620



190.5830, 22.7430, -10.1930



183.0120, -35.8050, -17.4130

Rectangle

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



190.6120, -27.7860, 7.9740



195.3840, 8.3870, 18.7150



190.5830, 22.7430, -10.1930



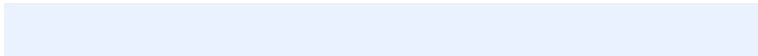
186.4310, -9.3040, -18.6160

Sweetspot

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



190.6120, -27.7860, 7.9740



241.3890, -8.3450, 2.5590



212.5300, -31.6320, -21.4560



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.



190.6120, -27.7860, 7.9740



196.7020, -36.7270, 10.3210



179.2150, -15.8220, 22.4340



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.



191.4700, 31.6320, 21.4560



197.6610, 41.5800, 28.3960



224.7850, 15.8220, -22.4340



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 190.6120, -27.7860, 7.9740 looks on a white background.

Color Contrast Check

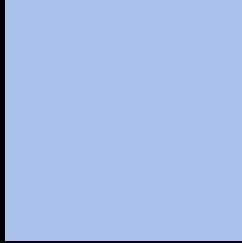
Large Text (above 18pt) WCAG AA × Fail

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 190.6120, -27.7860, 7.9740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

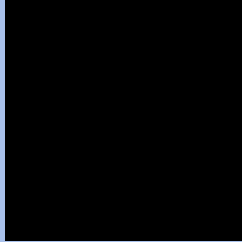
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

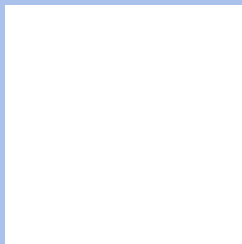
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 190.6120, -27.7860, 7.9740

Background



This preview shows how black text looks on a background with the YIQ color 190.6120, -27.7860, 7.9740.



This preview shows how white text looks on a background with the YIQ color 190.6120, -27.7860,

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

190.6120, -27.7860, 7.9740

Protanopia

192.5100, -18.5710, 11.6770

Deuteranopia

193.1730, -16.0040, 14.7160



Tritanopia

188.9570, -24.8040, -2.0200

Trichromacy



Original Color

190.6120, -27.7860, 7.9740

Protanomaly

191.7160, -22.1470, 10.4050

Deuteranomaly

192.2540, -20.7260, 12.1860

Tritanomaly

189.8800, -25.9050, 1.4150

Monochromacy



Original Color

190.6120, -27.7860, 7.9740

Achromatopsia

191.0000, -0.0000, -0.0000

Achromatomaly

191.0190, -10.1790, 2.7570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 190.6120, -27.7860, 7.9740 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(169, 193, 235)` looks like.

```
.text, #text, p{  
    color:rgb(169, 193, 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(169, 193, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 193, 235) }
```

Border

The CSS property to change the border of an element to YIQ 190.6120, -27.7860, 7.9740 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(169, 193, 235) }
```


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

```
.border{ border-color:rgb(169, 193, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 193, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 193, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 193, 235);  
box-shadow:4px 4px 4px 4px rgb(169, 193,  
235) }
```

Background

The CSS property to change the background color of an element to YIQ 190.6120, -27.7860, 7.9740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 193, 235) }
```

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

```
.background{ background-color: rgb(169,  
193, 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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