

Converting Colors

YIQ(190.7260, -37.2750,
-1.7790)

Have a look what the booklet for
YIQ(190.7260, -37.2750, -1.7790)
contains.

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Color

**YIQ(190.7260, -37.2750,
-1.7790)**

Conversions

Conversions Part 1

Format	Color
Hex	9ACAE5
RGB	154, 202, 229
RGB Percent	60%, 79%, 90%
CMY	0.3962, 0.2077, 0.1021
CMYK	0.33, 0.12, 0.00, 0.10
HSL	202°, 59%, 75%
HSV	202°, 33%, 90%
XYZ	48.5838, 54.7729, 82.1088
YIQ	190.7260, -37.2750, -1.7790

Conversions

Conversions Part 2

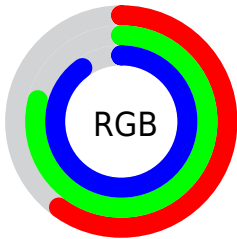
Format	Color
RYB	154, 183, 229
Decimal	10144485
CIELab	78.91, -9.32, -18.40
CIElCh	79, 20.628, 243.152
Yxy	54.7729, 0.2620, 0.2953
Android (android.graphics.Color)	4288334565 (0xFF9ACAE5)
YUV	190.7260, 18.8691, -32.2087
Hunter-Lab	74.0087, -12.3370, -13.9731

Details

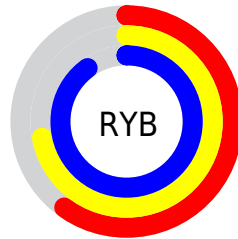
The YIQ color $190.7260, -37.2750, -1.7790$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $192.2740, 37.2750, 1.7790$, and the grayscale version is $191.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $241.5450, -26.8200, -9.5400$, and $136.4980, -36.6330, -2.4010$ is the 20% darker color. If you saturate the color by 10%, you get $179.1530, -48.7830, -2.4710$, and if you desaturate by 10%, it is $202.2990, -25.7670, -1.0870$.

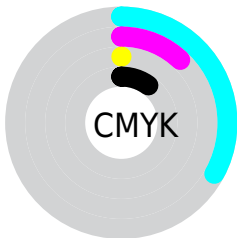
Distribution



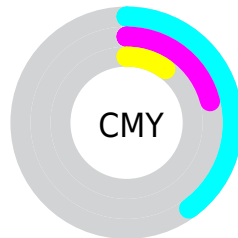
- Red (60%)
- Green (79%)
- Blue (90%)



- Red (60%)
- Yellow (72%)
- Blue (90%)



- Cyan (33%)
- Magenta (12%)
- Yellow (0%)
- Black (10%)



- Cyan (40%)
- Magenta (21%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 190.7260, -37.2750, -1.7790 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 190.7260, -37.2750, -1.7790 by changing the saturation by 10% instead.

■ 190.7260,
-37.2750, -1.7790

■ 190.7260,
-37.2750, -1.7790

■ 255.0000, -0.0000,
-0.0000

■ 163.6120,
-36.9540, -2.0900

■ 241.5450,
-26.8200, -9.5400

■ 136.4980,
-36.6330, -2.4010

■ 250.2160, -9.5360,
-3.3920

■ 110.4980,
-36.6330, -2.4010

■ 84.7860, -37.5040,
-3.1360

■ 59.1660, -41.6300,
-5.4540

■ 38.1450, -37.1370,
-4.2810

■ 23.3100, -24.3000,

-0.1400

■ 4.4800, -9.8590,
7.9730

■ 0.0000, 0.0000,
0.0000

■ 190.7260,
-37.2750, -1.7790

■ 190.7260,
-37.2750, -1.7790

■ 179.1530,
-48.7830, -2.4710

■ 202.2990,
-25.7670, -1.0870

■ 167.5800,
-60.2910, -3.1630

■ 213.8720,
-14.2590, -0.3950

■ 155.4200,
-71.5240, -3.3320

■ 226.0320, -3.0260,
-0.2260

■ 143.8470,
-83.0320, -4.0240

■ 237.6050, 8.4820,
0.4660

■ 132.2740,
-94.5400, -4.7160

■ 244.9920, 11.6460,
-1.8100

■ 121.0000,
-105.4520, -5.1960

■ 249.6880, 9.4460,
-5.9940

■ 112.3950,
-113.9340, -5.6620

■ 252.0360, 8.3460,
-8.0860

Harmonies

Analogous

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



188.6020, -40.1620, -10.0340



190.7260, -37.2750, -1.7790



194.2380, -23.7970, 7.2670

Triad

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



190.7260, -37.2750, -1.7790



198.9160, 27.1400, 14.7560



192.4820, 3.8540, -14.7860

Complementary

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



190.7260, -37.2750, -1.7790



192.2740, 37.2750, 1.7790

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.



194.5550, 19.9460, -9.0620



190.7260, -37.2750, -1.7790



197.6360, 33.5600, 8.5360

Square

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



190.7260, -37.2750, -1.7790



198.6680, 13.3390, 17.0750



196.0990, 30.3980, -0.2420



189.8480, -14.8520, -17.1880

Rectangle

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



190.7260, -37.2750, -1.7790



196.6310, -11.6020, 12.0300



196.0990, 30.3980, -0.2420



193.0590, 9.5390, -13.1890

Sweetspot

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



190.7260, -37.2750, -1.7790



242.2420, -12.4250, -0.5930



200.9890, -28.9710, -31.1390



119.6940, -7.8860, -0.2540



0.0000, 0.0000, 0.0000



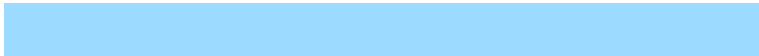
128.0000, -0.0000, -0.0000

Same Dimension

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



190.7260, -37.2750, -1.7790



204.2670, -49.1040, -2.1600



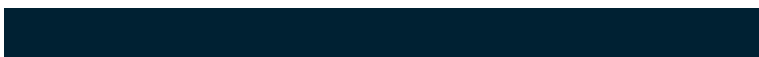
169.0070, -27.1000, 17.5720



109.0640, -6.0520, -0.4520



87.3240, -88.8090, -3.9530



25.1850, -25.4460, -1.3980

Inverse Universe

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



181.8970, 29.2920, 30.8280



192.7830, 38.7810, 40.5810



213.9930, 27.1000, -17.5720



107.5000, 4.5840, 5.0320



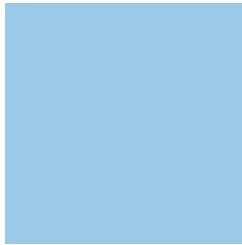
66.5170, 70.0900, 73.4020



19.0110, 19.8030, 21.0750

Previews

White Background



This preview shows how the YIQ color 190.7260, -37.2750, -1.7790 looks on a white background.

Color Contrast Check

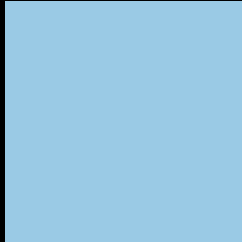
Large Text (above 18pt) WCAG AA × Fail

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 190.7260, -37.2750, -1.7790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

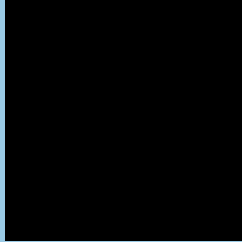
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 190.7260, -37.2750, -1.7790

Background



This preview shows how black text looks on a background with the YIQ color 190.7260, -37.2750, -1.7790.



This preview shows how white text looks on a background with the YIQ color 190.7260, -37.2750, -1.7790.

-1.7790.

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

190.7260, -37.2750, -1.7790

Protanopia

195.5230, -11.4180, 8.6940

Deuteranopia

196.4680, -9.5850, 14.0230



Tritanopia

190.2760, -36.1280, -6.0480

Trichromacy



Original Color

190.7260, -37.2750, -1.7790

Protanomaly

193.6250, -20.6330, 4.9910

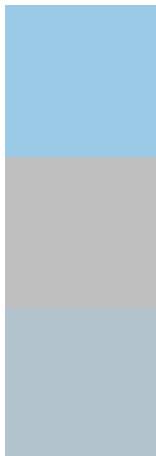
Deuteranomaly

194.2170, -19.3040, 8.4400

Tritanomaly

190.3300, -36.2200, -4.3800

Monochromacy



Original Color

190.7260, -37.2750, -1.7790

Achromatopsia

191.0000, -0.0000, -0.0000

Achromatomaly

191.0570, -13.3420, -0.4940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 190.7260, -37.2750, -1.7790 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(154, 202, 229)` looks like.

```
.text, #text, p{  
    color:rgb(154, 202, 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(154, 202, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 202, 229) }
```

Border

The CSS property to change the border of an element to YIQ 190.7260, -37.2750, -1.7790 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(154, 202, 229) }
```


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

```
.border{ border-color:rgb(154, 202, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 202, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 202, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 202, 229);  
box-shadow:4px 4px 4px 4px rgb(154, 202,  
229) }
```

Background

The CSS property to change the background color of an element to YIQ 190.7260, -37.2750, -1.7790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 202, 229) }
```

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

```
.background{ background-color: rgb(154,  
202, 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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