

Converting Colors

YIQ(171.8200, -52.0390, 1.4730)

Have a look what the booklet for
YIQ(171.8200, -52.0390, 1.4730)
contains.

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Color

**YIQ(171.8200, -52.0390,
1.4730)**

Conversions

Conversions Part 1

Format	Color
Hex	7BB9E8
RGB	123, 185, 232
RGB Percent	48%, 73%, 91%
CMY	0.5177, 0.2744, 0.0904
CMYK	0.47, 0.20, 0.00, 0.09
HSL	206°, 70%, 70%
HSV	206°, 47%, 91%
XYZ	40.0752, 44.7403, 82.8214
YIQ	171.8200, -52.0390, 1.4730

Conversions

Conversions Part 2

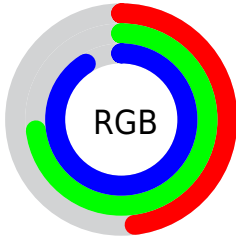
Format	Color
R_{YB}	123, 163, 232
Decimal	8108520
CIE _{Lab}	72.72, -7.49, -29.60
CIE _{LCh}	73, 30.533, 255.806
Yxy	44.7403, 0.2391, 0.2669
Android (android.graphics.Color)	4286298600 (0xFF7BB9E8)
YUV	171.8200, 29.6687, -42.8151
Hunter-Lab	66.8882, -10.1083, -26.5915

Details

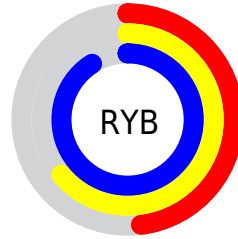
The YIQ color **171.8200, -52.0390, 1.4730** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **183.1800, 52.0390, -1.4730**, and the grayscale version is **172.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **224.3570, -40.8500, -8.5780**, and **116.9830, -54.0560, -0.5200** is the 20% darker color. If you saturate the color by 10%, you get **159.0730, -62.9970, 1.8270**, and if you desaturate by 10%, it is **184.5670, -41.0810, 1.1190**.

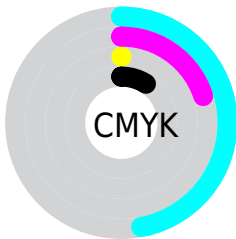
Distribution



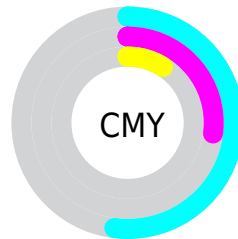
- Red (48%)
- Green (73%)
- Blue (91%)



- Red (48%)
- Yellow (64%)
- Blue (91%)



- Cyan (47%)
- Magenta (20%)
- Yellow (0%)
- Black (9%)



- Cyan (52%)
- Magenta (27%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 171.8200, -52.0390, 1.4730 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 171.8200, -52.0390, 1.4730 by changing the saturation by 10% instead.

■ 171.8200,
-52.0390, 1.4730

■ 171.8200,
-52.0390, 1.4730

■ 255.0000, -0.0000,
-0.0000

■ 144.4070,
-52.3140, 0.9500

■ 224.3570,
-40.8500, -8.5780

■ 116.9830,
-54.0560, -0.5200

■ 241.2460,
-27.4160, -9.7520

■ 89.0640, -58.7780,
-3.0500

■ 250.2160, -9.5360,
-3.3920

■ 62.7430, -62.3080,
-5.1560

■ 46.3920, -47.9580,
-0.9020

■ 30.7420, -34.2040,
3.1400

■ 16.3800, -21.3210,

6.4470

■ 4.5940, -10.1800,
8.2840

■ 0.0000, 0.0000,
0.0000

■ 171.8200,
-52.0390, 1.4730

■ 171.8200,
-52.0390, 1.4730

■ 159.0730,
-62.9970, 1.8270

■ 184.5670,
-41.0810, 1.1190

■ 146.3260,
-73.9550, 2.1810

■ 197.3140,
-30.1230, 0.7650

■ 133.2800,
-85.5090, 2.3230

■ 210.3600,
-18.5690, 0.6230

■ 120.5330,
-96.4670, 2.6770

■ 223.1070, -7.6110,
0.2690

■ 107.7860,
-107.4250, 3.0310

■ 235.8540, 3.3470,
-0.0850

■ 103.9320,
-110.7720, 3.1160

■ 246.5080, 10.1330,
-1.9230

■ 252.3780, 7.3830,
-7.1530

Harmonies

Analogous

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



164.7760, -67.0750, -12.3790



171.8200, -52.0390, 1.4730



178.7960, -25.1280, 14.8720

Triad

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



171.8200, -52.0390, 1.4730



181.7070, 43.9660, 18.1900



172.2370, -6.0020, -23.3940

Complementary

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



171.8200, -52.0390, 1.4730



183.1800, 52.0390, -1.4730

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.



175.1000, 19.4890, -17.3030



171.8200, -52.0390, 1.4730



180.1120, 46.7190, 6.8390

Square

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



171.8200, -52.0390, 1.4730



182.6100, 28.4220, 24.5660



178.0040, 37.7350, -6.5610



167.5680, -34.7950, -24.7070

Rectangle

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



171.8200, -52.0390, 1.4730



181.2500, -5.7350, 21.3450



178.0040, 37.7350, -6.5610



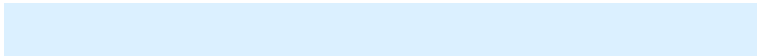
173.2550, 2.7550, -22.4050

Sweetspot

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



171.8200, -52.0390, 1.4730



235.4310, -17.3310, 0.2130



192.1130, -44.4200, -43.0120



115.5520, -10.3620, 0.5660



0.0000, 0.0000, 0.0000



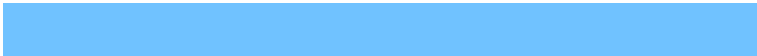
128.0000, -0.0000, -0.0000

Same Dimension

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



171.8200, -52.0390, 1.4730



176.4360, -68.4530, 1.5870



140.7090, -37.4640, 29.1920



108.4770, -5.7770, 0.0710



80.2800, -85.5090, 2.3230



22.8370, -24.3460, 0.6940

Inverse Universe

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



162.6590, 45.0620, 42.3900



164.1050, 58.9060, 55.8180



214.2910, 37.4640, -29.1920



107.3860, 4.9050, 4.7210



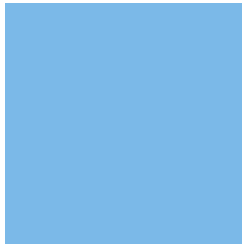
65.1490, 73.9420, 69.6700



18.5550, 21.0870, 19.8310

Previews

White Background



This preview shows how the YIQ color 171.8200, -52.0390, 1.4730 looks on a white background.

Color Contrast Check

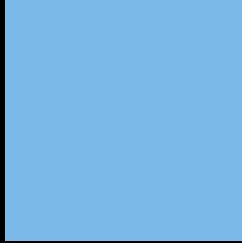
Large Text (above 18pt) WCAG AA × Fail

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 171.8200, -52.0390, 1.4730 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 171.8200, -52.0390, 1.4730

Background



This preview shows how black text looks on a background with the YIQ color 171.8200, -52.0390, 1.4730.

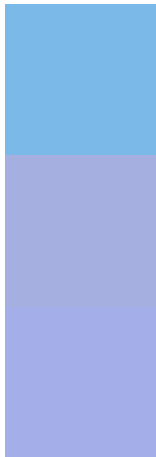


This preview shows how white text looks on a background with the YIQ color 171.8200, -52.0390, 1.4730.

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

171.8200, -52.0390, 1.4730

Protanopia

178.2970, -22.2850, 12.9070

Deuteranopia

178.4370, -25.4950, 16.0170



Tritanopia

169.2850, -49.5150, -11.2350

Trichromacy



Original Color

171.8200, -52.0390, 1.4730

Protanomaly

175.9150, -33.0130, 9.0910

Deuteranomaly

176.1860, -35.2140, 10.4340

Tritanomaly

170.1480, -50.3870, -6.4430

Monochromacy



Original Color

171.8200, -52.0390, 1.4730

Achromatopsia

172.0000, -0.0000, -0.0000

Achromatomaly

172.0610, -19.1650, 0.4110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 171.8200, -52.0390, 1.4730 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(123, 185, 232)` looks like.

```
.text, #text, p{  
    color:rgb(123, 185, 232)  
}
```

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(123, 185, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 185, 232) }
```

Border

The CSS property to change the border of an element to YIQ 171.8200, -52.0390, 1.4730 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(123, 185, 232) }
```


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

```
.border{ border-color:rgb(123, 185, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 185, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 185, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 185, 232);  
box-shadow:4px 4px 4px 4px rgb(123, 185,  
232) }
```

Background

The CSS property to change the background color of an element to YIQ 171.8200, -52.0390, 1.4730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 185, 232) }
```

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

```
.background{ background-color: rgb(123,  
185, 232) }
```

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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