

Converting Colors

YIQ(162.9400, -52.4970,
-1.2410)

Have a look what the booklet for
YIQ(162.9400, -52.4970, -1.2410)
contains.

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Color

**YIQ(162.9400, -52.4970,
-1.2410)**

Conversions

Conversions Part 1

Format	Color
Hex	70B2DB
RGB	112, 178, 219
RGB Percent	44%, 70%, 86%
CMY	0.5609, 0.3018, 0.1414
CMYK	0.49, 0.19, 0.00, 0.14
HSL	203°, 60%, 65%
HSV	203°, 49%, 86%
XYZ	35.3819, 40.4057, 72.9098
YIQ	162.9400, -52.4970, -1.2410

Conversions

Conversions Part 2

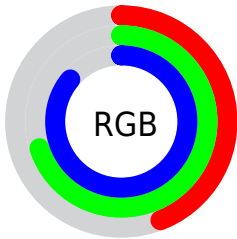
Format	Color
RYB	112, 153, 219
Decimal	7385819
CIELab	69.76, -9.96, -27.12
CIELCh	70, 28.888, 249.825
Yxy	40.4057, 0.2379, 0.2717
Android (android.graphics.Color)	4285575899 (0xFF70B2DB)
YUV	162.9400, 27.6376, -44.6744
Hunter-Lab	63.5655, -11.8826, -23.5100

Details

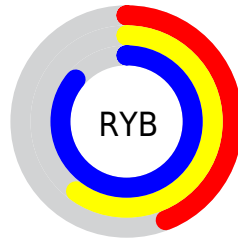
The YIQ color **162.9400, -52.4970, -1.2410** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **168.0600, 52.4970, 1.2410**, and the grayscale version is **163.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **216.9590, -45.4810, -7.2490**, and **107.9180, -55.4310, -3.1350** is the 20% darker color. If you saturate the color by 10%, you get **151.6660, -63.4090, -1.7210**, and if you desaturate by 10%, it is **174.2140, -41.5850, -0.7610**.

Distribution



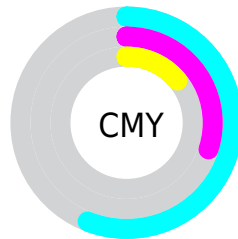
- Red (44%)
- Green (70%)
- Blue (86%)



- Red (44%)
- Yellow (60%)
- Blue (86%)



- Cyan (49%)
- Magenta (19%)
- Yellow (0%)
- Black (14%)



- Cyan (56%)
- Magenta (30%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 162.9400, -52.4970, -1.2410 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 162.9400, -52.4970, -1.2410 by changing the saturation by 10% instead.

■ 162.9400,
-52.4970, -1.2410

■ 162.9400,
-52.4970, -1.2410

■ 255.0000, -0.0000,
-0.0000

■ 135.2280,
-53.3680, -1.9760

■ 216.9590,
-45.4810, -7.2490

■ 107.9180,
-55.4310, -3.1350

■ 237.9570,
-33.9720, -12.0840

■ 78.1940, -65.1960,
-7.8840

■ 246.6280,
-16.6880, -5.9360

■ 57.9670, -57.1270,
-5.4390

■ 41.6160, -42.7770,
-1.1850

■ 26.6670, -29.6190,
2.6450

■ 6.5490, -14.3070,

11.4930

■ 2.8670, -6.6950,
5.6970

■ 0.0000, 0.0000,
0.0000

■ 162.9400,
-52.4970, -1.2410

■ 162.9400,
-52.4970, -1.2410

■ 151.6660,
-63.4090, -1.7210

■ 174.2140,
-41.5850, -0.7610

■ 139.8050,
-74.0460, -1.6780

■ 186.0750,
-30.9480, -0.8040

■ 128.5310,
-84.9580, -2.1580

■ 197.3490,
-20.0360, -0.3240

■ 117.2570,
-95.8700, -2.6380

■ 209.2100, -9.3990,
-0.3670

■ 105.6950,
-105.9110, -2.3830

■ 220.1850, 0.9170,
-0.0990

■ 104.2110,
-107.4240, -2.4960

■ 231.4590, 11.8290,
0.3810

■ 240.3300, 16.5060,
-1.7820

■ 245.0260, 14.3060,
-5.9660

■ 249.7220, 12.1060,
-10.1500

Harmonies

Analogous

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



157.1740, -62.4440, -13.7080



162.9400, -52.4970, -1.2410



169.6490, -29.2080, 11.7200

Triad

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



162.9400, -52.4970, -1.2410



173.8960, 39.0600, 18.9960



165.0420, -0.9590, -21.1750

Complementary

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



162.9400, -52.4970, -1.2410



168.0600, 52.4970, 1.2410

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.



168.3500, 21.7810, -14.7870



162.9400, -52.4970, -1.2410



172.4970, 44.1970, 8.4930

Square

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



162.9400, -52.4970, -1.2410



174.4460, 23.0120, 23.4920



170.8840, 38.1930, -3.8470



161.5150, -27.2760, -23.3080

Rectangle

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



162.9400, -52.4970, -1.2410



172.9180, -10.7320, 18.2920



170.8840, 38.1930, -3.8470



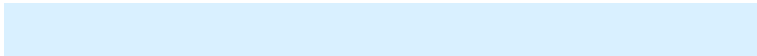
166.1740, 7.4770, -19.8750

Sweetspot

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



162.9400, -52.4970, -1.2410



234.8330, -18.5230, -0.2110



179.2550, -41.9440, -43.8320



115.8400, -11.2330, -0.1690



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.



162.9400, -52.4970, -1.2410



176.1040, -73.4500, -1.4660



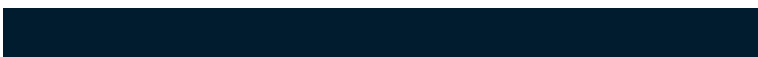
132.4160, -38.1970, 25.9550



103.7760, -5.1810, 0.2830



82.5310, -84.9580, -2.1580



21.6800, -22.4660, -0.3380

Inverse Universe

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



151.5170, 42.5860, 43.2100



160.3380, 59.8680, 60.4120



198.5840, 38.1970, -25.9550



102.9730, 4.6300, 4.1980



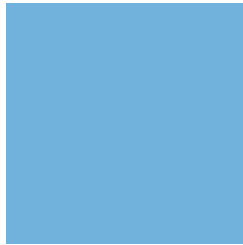
63.9250, 68.7610, 69.9530



16.9460, 18.4280, 18.4600

Previews

White Background



This preview shows how the YIQ color 162.9400, -52.4970, -1.2410 looks on a white background.

Color Contrast Check

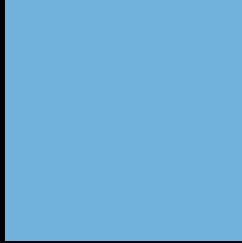
Large Text (above 18pt) WCAG AA × Fail

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 162.9400, -52.4970, -1.2410 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 162.9400, -52.4970, -1.2410

Background



This preview shows how black text looks on a background with the YIQ color 162.9400, -52.4970, -1.2410.



This preview shows how white text looks on a background with the YIQ color 162.9400, -52.4970, -1.2410.

-1.2410.

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

162.9400, -52.4970, -1.2410

Protanopia

170.3250, -19.4880, 11.7760

Deuteranopia

170.4650, -22.6980, 14.8860



Tritanopia

160.6870, -50.7070, -11.6590

Trichromacy



Original Color

162.9400, -52.4970, -1.2410

Protanomaly

167.9320, -31.6830, 7.0130

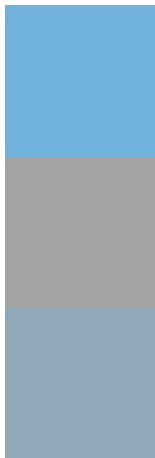
Deuteranomaly

167.6160, -33.6090, 8.8790

Tritanomaly

161.9090, -51.2120, -8.0120

Monochromacy



Original Color

162.9400, -52.4970, -1.2410

Achromatopsia

163.0000, -0.0000, -0.0000

Achromatomaly

162.5340, -19.1190, -0.4230

CSS Examples

Text

The CSS property to change the color of the text to YIQ 162.9400, -52.4970, -1.2410 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(112, 178, 219)` looks like.

```
.text, #text, p{  
    color:rgb(112, 178, 219)  
}
```

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(112, 178, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 178, 219) }
```

Border

The CSS property to change the border of an element to YIQ 162.9400, -52.4970, -1.2410 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(112, 178, 219) }
```


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

```
.border{ border-color:rgb(112, 178, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 178, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 178, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 178, 219);  
box-shadow:4px 4px 4px 4px rgb(112, 178,  
219) }
```

Background

The CSS property to change the background color of an element to YIQ 162.9400, -52.4970, -1.2410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 178, 219) }
```

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

```
.background{ background-color: rgb(112,  
178, 219) }
```

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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