

Converting Colors

YIQ(150.9860, -48.9700,
17.4460)

Have a look what the booklet for
YIQ(150.9860, -48.9700, 17.4460)
contains.

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Color

**YIQ(150.9860, -48.9700,
17.4460)**

Conversions

Conversions Part 1

Format	Color
Hex	7399EB
RGB	115, 153, 235
RGB Percent	45%, 60%, 92%
CMY	0.5490, 0.3999, 0.0787
CMYK	0.51, 0.35, 0.00, 0.08
HSL	221°, 75%, 69%
HSV	221°, 51%, 92%
XYZ	33.4487, 32.4263, 83.0434
YIQ	150.9860, -48.9700, 17.4460

Conversions

Conversions Part 2

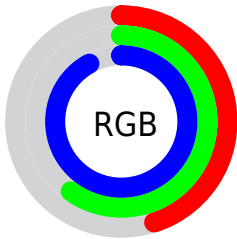
Format	Color
R _Y B	115, 144, 235
Decimal	7576043
CIE Lab	63.69, 9.50, -45.33
CIE LCh	64, 46.313, 281.837
Yxy	32.4263, 0.2246, 0.2177
Android (android.graphics.Color)	4285766123 (0xFF7399EB)
YUV	150.9860, 41.4189, -31.5597
Hunter-Lab	56.9441, 5.1979, -46.6037

Details

The YIQ color **150.9860, -48.9700, 17.4460** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **199.0140, 48.9700, -17.4460**, and the grayscale version is **151.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **202.3060, -35.6720, 7.7200**, and **96.4260, -53.3250, 13.7710** is the 20% darker color. If you saturate the color by 10%, you get **134.7170, -58.2780, 20.9380**, and if you desaturate by 10%, it is **167.2550, -39.6620, 13.9540**.

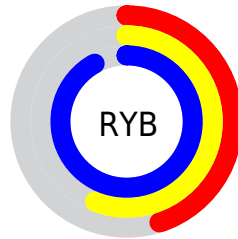
Distribution



Red (45%)

Green (60%)

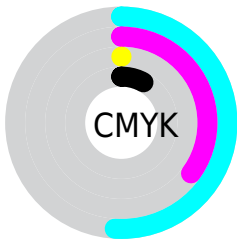
Blue (92%)



Red (45%)

Yellow (56%)

Blue (92%)

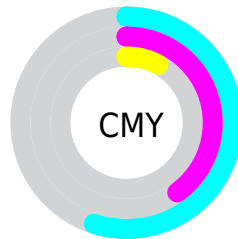


Cyan (51%)

Magenta (35%)

Yellow (0%)

Black (8%)



Cyan (55%)

Magenta (40%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 150.9860, -48.9700, 17.4460 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 150.9860, -48.9700, 17.4460 by changing the saturation by 10% instead.

■ 150.9860,
-48.9700, 17.4460

■ 150.9860,
-48.9700, 17.4460

■ 255.0000, -0.0000,
-0.0000

■ 123.7470,
-49.7950, 15.8770

■ 202.3060,
-35.6720, 7.7200

■ 96.4260, -53.3250,
13.7710

■ 227.4130,
-26.0880, -0.7760

■ 66.0930, -65.7490,
7.6510

■ 248.1230,
-13.7080, -4.8760

■ 47.1220, -55.5250,
9.5870

■ 32.5320, -42.0000,
12.2720

■ 16.7680, -27.9250,
16.0030

■ 8.2760, -17.7920,

14.0800

■ 4.5940, -10.1800,
8.2840

■ 0.0000, 0.0000,
0.0000

■ 150.9860,
-48.9700, 17.4460

■ 150.9860,
-48.9700, 17.4460

■ 134.7170,
-58.2780, 20.9380

■ 167.2550,
-39.6620, 13.9540

■ 118.1490,
-68.1820, 24.2180

■ 183.8230,
-29.7580, 10.6740

■ 101.8800,
-77.4900, 27.7100

■ 200.0920,
-20.4500, 7.1820

■ 85.3120, -87.3940,
30.9900

■ 216.6600,
-10.5460, 3.9020

■ 70.2280, -95.7850,
34.3830

■ 232.9290, -1.2380,
0.4100

■ 249.1980, 8.0700,
-3.0820

■ 252.7200, 6.4200,
-6.2200

Harmonies

Analogous

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



123.8900, -120.1220, -14.6660



150.9860, -48.9700, 17.4460



158.5640, -0.3270, 33.4730

Triad

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



150.9860, -48.9700, 17.4460



153.9250, 66.4790, 12.1670



132.7620, -56.4330, -40.0570

Complementary

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



150.9860, -48.9700, 17.4460



199.0140, 48.9700, -17.4460

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.



144.2720, -5.0830, -34.5470



150.9860, -48.9700, 17.4460



152.2910, 55.8000, -9.0640

Square

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



150.9860, -48.9700, 17.4460



155.6540, 60.6530, 29.6530



148.8760, 31.5030, -25.7850



122.1050, -102.6950, -38.6550

Rectangle

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



150.9860, -48.9700, 17.4460



158.5580, 26.1730, 37.7970



148.8760, 31.5030, -25.7850



137.8800, -36.2140, -37.5420

Sweetspot

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



150.9860, -48.9700, 17.4460



228.3760, -15.4980, 5.5420



194.5600, -58.6800, -37.8800



111.7310, -9.3080, 3.4920



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.



150.9860, -48.9700, 17.4460



146.1340, -63.8260, 22.3660



134.6600, -26.6000, 41.5600



109.0150, -4.3560, 1.8520



54.0930, -73.7760, 26.4800



16.1350, -22.0090, 7.9030

Inverse Universe

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



155.2120, 59.3220, 37.2580



151.3440, 76.9260, 48.6220



215.3400, 26.6000, -41.5600



109.6310, 5.5930, 3.2650



60.6170, 89.5790, 56.0990



18.0840, 26.7270, 16.7350

Previews

White Background



This preview shows how the YIQ color 150.9860, -48.9700, 17.4460 looks on a white background.

Color Contrast Check

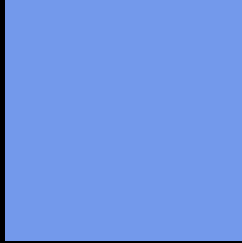
Large Text (above 18pt) WCAG AA × Fail

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 150.9860, -48.9700, 17.4460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

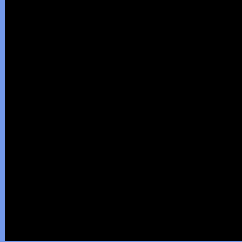
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 150.9860, -48.9700, 17.4460

Background



This preview shows how black text looks on a background with the YIQ color 150.9860, -48.9700, 17.4460.



This preview shows how white text looks on a background with the YIQ color 150.9860, -48.9700,

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

150.9860, -48.9700, 17.4460

Protanopia

152.5740, -41.8180, 19.9900

Deuteranopia

150.6870, -49.5660, 17.2340



Tritanopia

145.8510, -45.2970, -10.5850

Trichromacy



Original Color

150.9860, -48.9700, 17.4460

Protanomaly

152.0790, -44.7980, 18.9300

Deuteranomaly

150.6870, -49.5660, 17.2340

Tritanomaly

147.9900, -46.7660, -0.4780

Monochromacy



Original Color

150.9860, -48.9700, 17.4460

Achromatopsia

151.0000, -0.0000, 0.0000

Achromatomaly

151.2340, -17.9740, 6.3620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 150.9860, -48.9700, 17.4460 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(115, 153, 235)` looks like.

```
.text, #text, p{  
    color:rgb(115, 153, 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(115, 153, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 153, 235) }
```

Border

The CSS property to change the border of an element to YIQ 150.9860, -48.9700, 17.4460 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(115, 153, 235) }
```


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

```
.border{ border-color:rgb(115, 153, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 153, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 153, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 153, 235);  
box-shadow:4px 4px 4px 4px rgb(115, 153,  
235) }
```

Background

The CSS property to change the background color of an element to YIQ 150.9860, -48.9700, 17.4460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 153, 235) }
```

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

```
.background{ background-color: rgb(115,  
153, 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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