

Converting Colors

YIQ(148.0710, -42.3200, 7.0560)

Have a look what the booklet for
YIQ(148.0710, -42.3200, 7.0560)
contains.

YIQ(148.0710, -42.3200, 7.0560)	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(148.0710, -42.3200,
7.0560)**

Conversions

Conversions Part 1

Format	Color
Hex	709BCF
RGB	112, 155, 207
RGB Percent	44%, 61%, 81%
CMY	0.5608, 0.3921, 0.1884
CMYK	0.46, 0.25, 0.00, 0.19
HSL	213°, 50%, 63%
HSV	213°, 46%, 81%
XYZ	29.6602, 31.3947, 63.4940
YIQ	148.0710, -42.3200, 7.0560

Conversions

Conversions Part 2

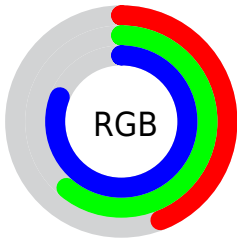
Format	Color
R _Y B	112, 142, 207
Decimal	7379919
CIE Lab	62.84, -0.68, -31.16
CIE LCh	63, 31.169, 268.744
Yxy	31.3947, 0.2381, 0.2521
Android (android.graphics.Color)	4285569999 (0xFF709BCF)
YUV	148.0710, 29.0520, -31.6343
Hunter-Lab	56.0310, -3.5647, -27.9654

Details

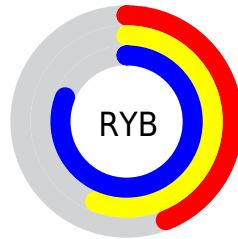
The YIQ color **148.0710, -42.3200, 7.0560** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **170.9290, 42.3200, -7.0560**, and the grayscale version is **148.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **201.9850, -39.2020, 5.6140**, and **95.1200, -44.0160, 4.7520** is the 20% darker color. If you saturate the color by 10%, you get **135.3350, -51.8110, 8.3570**, and if you desaturate by 10%, it is **160.8070, -32.8290, 5.7550**.

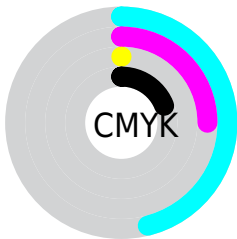
Distribution



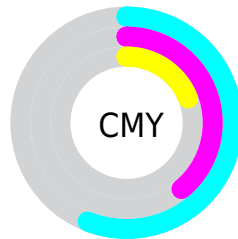
- Red (44%)
- Green (61%)
- Blue (81%)



- Red (44%)
- Yellow (56%)
- Blue (81%)



- Cyan (46%)
- Magenta (25%)
- Yellow (0%)
- Black (19%)



- Cyan (56%)
- Magenta (39%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 148.0710, -42.3200, 7.0560 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 148.0710, -42.3200, 7.0560 by changing the saturation by 10% instead.

■ 148.0710,
-42.3200, 7.0560

■ 148.0710,
-42.3200, 7.0560

■ 255.0000, -0.0000,
-0.0000

■ 121.2450,
-42.8700, 6.0100

■ 201.9850,
-39.2020, 5.6140

■ 95.1200, -44.0160,
4.7520

■ 227.3800,
-30.4890, -3.6170

■ 68.2010, -48.7380,
2.2220

■ 246.0300,
-17.8800, -6.3600

■ 44.9730, -48.0960,
1.6000

■ 29.9100, -34.6170,
5.1190

■ 14.9610, -21.4590,
8.9490

■ 4.8220, -10.8220,

8.9060

■ 0.4560, -1.2840,
1.2440

■ 0.0000, 0.0000,
0.0000

■ 148.0710,
-42.3200, 7.0560

■ 148.0710,
-42.3200, 7.0560

■ 135.3350,
-51.8110, 8.3570

■ 160.8070,
-32.8290, 5.7550

■ 122.3110,
-60.4310, 10.3930

■ 173.8310,
-24.2090, 3.7190

■ 109.5750,
-69.9220, 11.6940

■ 186.5670,
-14.7180, 2.4180

■ 96.8390, -79.4130,
12.9950

■ 199.3030, -5.2270,
1.1170

■ 83.8150, -88.0330,
15.0310

■ 212.3270, 3.3930,
-0.9190

■ 78.7760, -92.2970,
15.2150

■ 225.0630, 12.8840,
-2.2200

■ 237.2010, 21.1830,
-3.9450

■ 244.2450, 17.8830,
-10.2210

■ 249.5280, 15.4080,
-14.9280

Harmonies

Analogous

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



138.7100, -66.7090, -7.9970



148.0710, -42.3200, 7.0560



154.0750, -12.6120, 19.3240

Triad

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



148.0710, -42.3200, 7.0560



154.1430, 45.4340, 13.6100



143.3650, -18.1060, -24.2980

Complementary

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



148.0710, -42.3200, 7.0560



170.9290, 42.3200, -7.0560

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.



147.2450, 8.7150, -20.2850



148.0710, -42.3200, 7.0560



152.2700, 43.0980, 0.8740

Square

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



148.0710, -42.3200, 7.0560



155.4490, 36.1250, 22.6290



150.4220, 30.4460, -12.1300



138.1520, -48.1830, -24.3670

Rectangle

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



148.0710, -42.3200, 7.0560



156.0620, 6.5980, 23.6060



150.4220, 30.4460, -12.1300



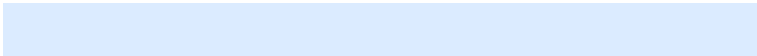
145.2690, -9.0280, -23.6200

Sweetspot

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



148.0710, -42.3200, 7.0560



232.4960, -15.9560, 2.8280



173.5790, -42.4960, -33.8240



114.3780, -9.8120, 1.6120



0.0000, 0.0000, 0.0000



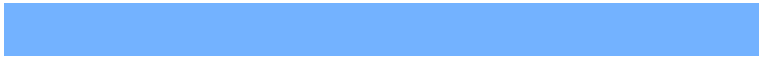
128.0000, -0.0000, -0.0000

Same Dimension

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



148.0710, -42.3200, 7.0560



167.9410, -62.2650, 10.5910



123.7270, -28.7070, 30.1810



98.1890, -4.9060, 0.8060



63.7640, -74.8280, 12.5000



15.2400, -18.1110, 3.3370

Inverse Universe

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



145.3070, 42.8170, 33.5130



164.0420, 63.2170, 49.2730



195.2730, 28.7070, -30.1810



97.8590, 4.9510, 3.8870



58.8960, 75.7320, 59.2520



14.3110, 18.6580, 14.2900

Previews

White Background



This preview shows how the YIQ color 148.0710, -42.3200, 7.0560 looks on a white background.

Color Contrast Check

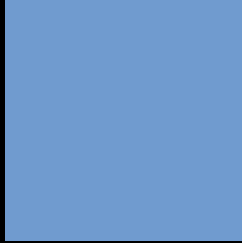
Large Text (above 18pt) WCAG AA × Fail

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 148.0710, -42.3200, 7.0560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

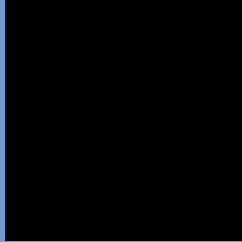
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

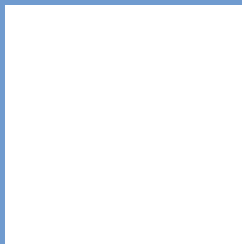
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 148.0710, -42.3200, 7.0560

Background



This preview shows how black text looks on a background with the YIQ color 148.0710, -42.3200, 7.0560.

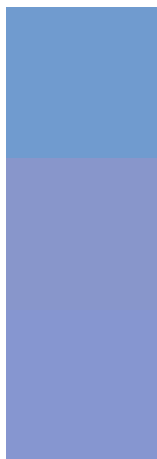


This preview shows how white text looks on a background with the YIQ color 148.0710, -42.3200, 7.0560.

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

148.0710, -42.3200, 7.0560

Protanopia

151.8560, -25.3570, 13.5150

Deuteranopia

151.8280, -28.1540, 14.6460



Tritanopia

144.8410, -39.3370, -8.4650

Trichromacy



Original Color

148.0710, -42.3200, 7.0560

Protanomaly

150.4530, -31.5920, 10.8720

Deuteranomaly

150.6100, -33.4720, 11.9040

Tritanomaly

146.2310, -40.2550, -2.8390

Monochromacy



Original Color

148.0710, -42.3200, 7.0560

Achromatopsia

148.0000, -0.0000, 0.0000

Achromatomaly

148.2680, -15.3140, 2.2060

CSS Examples

Text

The CSS property to change the color of the text to YIQ 148.0710, -42.3200, 7.0560 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, 155, 207)` looks like.

```
.text, #text, p{  
    color:rgb(112, 155, 207)  
}
```

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, 155, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 155, 207) }
```

Border

The CSS property to change the border of an element to YIQ 148.0710, -42.3200, 7.0560 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, 155, 207) }
```


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

```
.border{ border-color:rgb(112, 155, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 155, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 155, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 155, 207);  
box-shadow:4px 4px 4px 4px rgb(112, 155,  
207) }
```

Background

The CSS property to change the background color of an element to YIQ 148.0710, -42.3200, 7.0560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 155, 207) }
```

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

```
.background{ background-color: rgb(112,  
155, 207) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor