

Converting Colors

YIQ(150.7730, -44.6570,
-0.1530)

Have a look what the booklet for
YIQ(150.7730, -44.6570, -0.1530)
contains.

YIQ(150.7730, -44.6570, -0.1530)	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(150.7730, -44.6570,
-0.1530)**

Conversions

Conversions Part 1

Format	Color
Hex	6CA3C8
RGB	108, 163, 200
RGB Percent	42%, 64%, 78%
CMY	0.5766, 0.3607, 0.2159
CMYK	0.46, 0.18, 0.00, 0.22
HSL	204°, 46%, 60%
HSV	204°, 46%, 78%
XYZ	29.7015, 33.5567, 59.5231
YIQ	150.7730, -44.6570, -0.1530

Conversions

Conversions Part 2

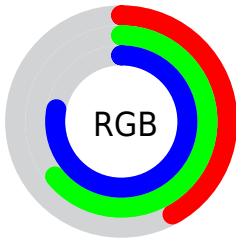
Format	Color
R _Y B	108, 142, 200
Decimal	7119816
CIE Lab	64.61, -8.15, -24.55
CIE LCh	65, 25.870, 251.628
Yxy	33.5567, 0.2419, 0.2733
Android (android.graphics.Color)	4285309896 (0xFF6CA3C8)
YUV	150.7730, 24.2689, -37.5119
Hunter-Lab	57.9282, -9.8520, -20.3727

Details

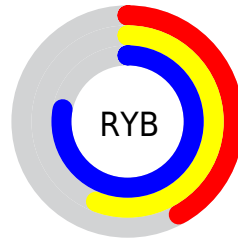
The YIQ color $150.7730, -44.6570, -0.1530$ is a light color, and the websafe version is hex $6699CC$. A complement of this color would be $157.2270, 44.6570, 0.1530$, and the grayscale version is $151.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $205.7730, -44.6570, -0.1530$, and $97.3490, -46.3990, -1.6230$ is the 20% darker color. If you saturate the color by 10%, you get $140.0970, -54.3770, -0.2090$, and if you desaturate by 10%, it is $161.4490, -34.9370, -0.0970$.

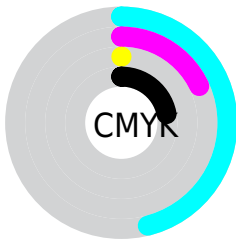
Distribution



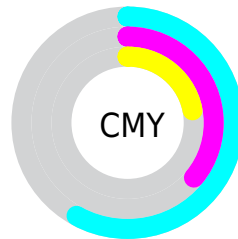
- Red (42%)
- Green (64%)
- Blue (78%)



- Red (42%)
- Yellow (56%)
- Blue (78%)



- Cyan (46%)
- Magenta (18%)
- Yellow (0%)
- Black (22%)



- Cyan (58%)
- Magenta (36%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 150.7730, -44.6570, -0.1530 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 150.7730, -44.6570, -0.1530 by changing the saturation by 10% instead.

■ 150.7730,
-44.6570, -0.1530

■ 150.7730,
-44.6570, -0.1530

■ 255.0000, -0.0000,
-0.0000

■ 124.0610,
-45.5280, -0.8880

■ 205.7730,
-44.6570, -0.1530

■ 97.3490, -46.3990,
-1.6230

■ 230.8800,
-35.0730, -8.6490

■ 69.8320, -52.3130,
-4.5770

■ 244.8340,
-20.2640, -7.2080

■ 48.3980, -48.0950,
-3.9270

■ 253.5050, -2.9800,
-1.0600

■ 32.7480, -34.3410,
0.1150

■ 18.5000, -21.7790,
3.7330

■ 3.7790, -9.2630,

8.1850

■ 0.0000, 0.0000,
0.0000

■ 150.7730,
-44.6570, -0.1530

■ 150.7730,
-44.6570, -0.1530

■ 140.0970,
-54.3770, -0.2090

■ 161.4490,
-34.9370, -0.0970

■ 129.4210,
-64.0970, -0.2650

■ 172.1250,
-25.2170, -0.0410

■ 118.7450,
-73.8170, -0.3210

■ 182.8010,
-15.4970, 0.0150

■ 108.0690,
-83.5370, -0.3770

■ 193.4770, -5.7770,
0.0710

■ 97.3930, -93.2570,
-0.4330

■ 204.1530, 3.9430,
0.1270

■ 93.2400, -97.2000,
-0.5600

■ 214.8290, 13.6630,
0.1830

■ 225.5050, 23.3830,
0.2390

■ 232.2940, 25.3550,
-2.4610

■ 236.9900, 23.1550,
-6.6450

Harmonies

Analogous

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



145.9470, -54.3750, -11.2630



150.7730, -44.6570, -0.1530



156.4600, -24.3020, 10.9140

Triad

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



150.7730, -44.6570, -0.1530



159.7490, 34.9800, 15.8440



151.4380, -2.0140, -18.5740

Complementary

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



150.7730, -44.6570, -0.1530



157.2270, 44.6570, 0.1530

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.



154.4360, 18.6630, -13.3450



150.7730, -44.6570, -0.1530



158.2190, 39.1080, 7.1080

Square

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



150.7730, -44.6570, -0.1530



160.3810, 21.6370, 20.8770



156.5460, 33.3330, -3.8750



148.1780, -24.7090, -20.2690

Rectangle

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



150.7730, -44.6570, -0.1530



158.8320, -7.6140, 16.8500



156.5460, 33.3330, -3.8750



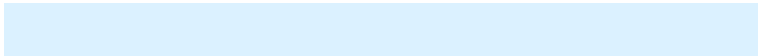
152.9720, 5.2300, -17.6980

Sweetspot

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



150.7730, -44.6570, -0.1530



236.0180, -17.6060, -0.3100



166.2220, -37.1770, -36.6090



116.1390, -10.6370, 0.0430



0.0000, 0.0000, 0.0000



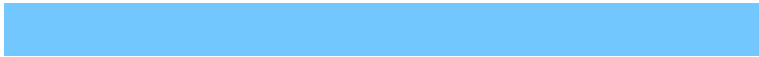
128.0000, -0.0000, -0.0000

Same Dimension

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



150.7730, -44.6570, -0.1530



180.2680, -68.0400, -0.3920



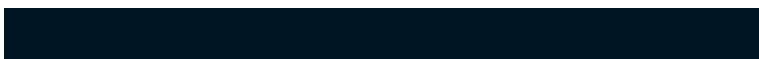
123.7710, -32.0070, 23.9050



93.9610, -4.2640, 0.1840



76.1080, -79.2730, -0.5610



16.4310, -17.3310, 0.2130

Inverse Universe

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



141.7780, 37.1770, 36.6090



166.4360, 56.4760, 55.8040



184.2290, 32.0070, -23.9050



93.2610, 3.7590, 3.4630



59.9090, 65.6900, 65.0340



13.1580, 14.7150, 14.1630

Previews

White Background



This preview shows how the YIQ color 150.7730, -44.6570, -0.1530 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 150.7730, -44.6570, -0.1530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

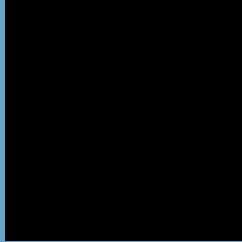
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 150.7730, -44.6570, -0.1530

Background



This preview shows how black text looks on a background with the YIQ color 150.7730, -44.6570, -0.1530.



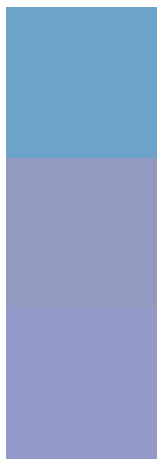
This preview shows how white text looks on a background with the YIQ color 150.7730, -44.6570, -0.1530.

-0.1530.

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

150.7730, -44.6570, -0.1530

Protanopia

156.4670, -17.0120, 10.9560

Deuteranopia

156.7920, -19.3050, 13.9670



Tritanopia

149.0470, -42.9130, -9.7370

Trichromacy



Original Color

150.7730, -44.6570, -0.1530

Protanomaly

154.2700, -26.8230, 7.0410

Deuteranomaly

154.8400, -28.4280, 8.5960

Tritanomaly

149.8560, -43.6930, -6.6130

Monochromacy



Original Color

150.7730, -44.6570, -0.1530

Achromatopsia

151.0000, -0.0000, 0.0000

Achromatomaly

150.6160, -16.4140, 0.1140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 150.7730, -44.6570, -0.1530 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(108, 163, 200)` looks like.

```
.text, #text, p{  
    color:rgb(108, 163, 200)  
}
```

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(108, 163, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 163, 200) }
```

Border

The CSS property to change the border of an element to YIQ 150.7730, -44.6570, -0.1530 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(108, 163, 200) }
```


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

```
.border{ border-color:rgb(108, 163, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 163, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(108, 163, 200); -webkit-box-shadow:4px 4px 4px 4px rgb(108, 163, 200); box-shadow:4px 4px 4px 4px rgb(108, 163, 200) }
```

Background

The CSS property to change the background color of an element to YIQ 150.7730, -44.6570, -0.1530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 163, 200) }
```

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

```
.background{ background-color: rgb(108,  
163, 200) }
```

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