

Converting Colors

YIQ(138.5760, -44.1590,
34.8890)

Have a look what the booklet for
YIQ(138.5760, -44.1590, 34.8890)
contains.

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Color

**YIQ(138.5760, -44.1590,
34.8890)**

Conversions

Conversions Part 1

Format	Color
Hex	7680F7
RGB	118, 128, 247
RGB Percent	46%, 50%, 97%
CMY	0.5372, 0.4980, 0.0316
CMYK	0.52, 0.48, 0.00, 0.03
HSL	235°, 89%, 72%
HSV	235°, 52%, 97%
XYZ	31.9707, 26.0032, 91.2746
YIQ	138.5760, -44.1590, 34.8890

Conversions

Conversions Part 2

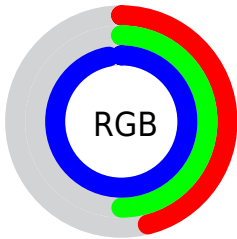
Format	Color
R _Y B	118, 127, 247
Decimal	7766263
CIE Lab	58.04, 28.59, -60.92
CIE LCh	58, 67.299, 295.140
Yxy	26.0032, 0.2142, 0.1742
Android (android.graphics.Color)	4285956343 (0xFF7680F7)
YUV	138.5760, 53.4530, -18.0452
Hunter-Lab	50.9933, 22.6739, -70.4298

Details

The YIQ color $138.5760, -44.1590, 34.8890$ is a light color, and the websafe version is hex $6666CC$. A complement of this color would be $226.4240, 44.1590, -34.8890$, and the grayscale version is $138.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $188.2400, -26.1380, 22.1660$, and $84.1790, -50.5310, 29.2210$ is the 20% darker color. If you saturate the color by 10%, you get $117.6000, -52.7340, 41.6180$, and if you desaturate by 10%, it is $159.5520, -35.5840, 28.1600$.

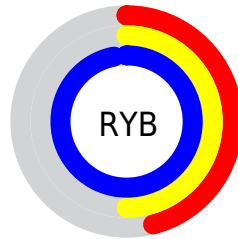
Distribution



Red (46%)

Green (50%)

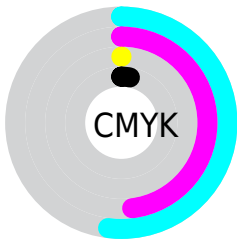
Blue (97%)



Red (46%)

Yellow (50%)

Blue (97%)

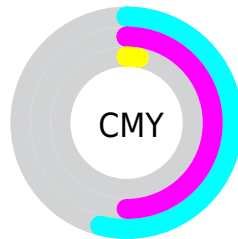


Cyan (52%)

Magenta (48%)

Yellow (0%)

Black (3%)



Cyan (54%)

Magenta (50%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 138.5760, -44.1590, 34.8890 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 138.5760, -44.1590, 34.8890 by changing the saturation by 10% instead.

■ 138.5760,
-44.1590, 34.8890

■ 138.5760,
-44.1590, 34.8890

■ 255.0000, -0.0000,
-0.0000

■ 111.6250,
-45.8550, 32.5850

■ 188.2400,
-26.1380, 22.1660

■ 84.1790, -50.5310,
29.2210

■ 213.0590,
-15.6830, 14.4050

■ 51.9270, -67.6770,
20.5710

■ 238.4650, -5.5030,
6.1210

■ 36.5220, -53.2350,
23.1570

■ 22.4050, -39.6640,
25.0080

■ 9.5760, -26.9640,
26.1240

■ 10.3620, -20.9100,

15.5220

■ 5.3920, -12.4270,
10.4610

■ 2.1830, -4.7690,
3.8310

■ 138.5760,
-44.1590, 34.8890

■ 138.5760,
-44.1590, 34.8890

■ 117.6000,
-52.7340, 41.6180

■ 159.5520,
-35.5840, 28.1600

■ 96.9230, -60.7130,
48.5590

■ 180.2290,
-27.6050, 21.2190

■ 76.5340, -69.5630,
54.7650

■ 200.6180,
-18.7550, 15.0130

■ 55.5580, -78.1380,
61.4940

■ 221.5940,
-10.1800, 8.2840

■ 39.3110, -84.5120,
66.8800

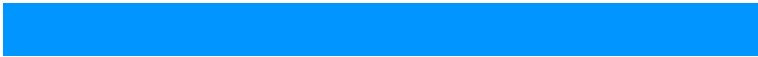
■ 242.2710, -2.2010,
1.3430

■ 254.0880, 2.5680,
-2.4880

Harmonies

Analogous

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



116.5330, -122.8300, 1.3780



138.5760, -44.1590, 34.8890



142.5110, 25.5280, 55.0000

Triad

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



138.5760, -44.1590, 34.8890



133.7250, 87.1130, 1.6490



112.0340, -86.7380, -47.0100

Complementary

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



138.5760, -44.1590, 34.8890



226.4240, 44.1590, -34.8890

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.



106.9290, -56.2460, -59.9740



138.5760, -44.1590, 34.8890



130.9830, 67.4500, -32.9820

Square

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



138.5760, -44.1590, 34.8890



132.2680, 91.2790, 36.2950



124.2180, 29.3990, -53.7450



118.8740, -105.9980, -28.3500

Rectangle

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



138.5760, -44.1590, 34.8890



136.9850, 59.3640, 58.5320



124.2180, 29.3990, -53.7450



109.0530, -79.7220, -53.0180

Sweetspot

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



138.5760, -44.1590, 34.8890



220.4350, -13.9860, 11.1820



207.1750, -73.3530, -30.7690



107.0240, -8.5750, 6.7290



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.



138.5760, -44.1590, 34.8890



119.9850, -55.2560, 43.2720



148.8520, -9.2250, 51.5670



111.9550, -4.1270, 3.2090



29.4220, -63.5560, 50.5240



9.6610, -20.3140, 15.7340

Inverse Universe

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



157.7110, 73.6740, 30.4580



143.6210, 91.7830, 38.1750



216.1480, 9.2250, -51.5670



113.7020, 6.8310, 2.8550



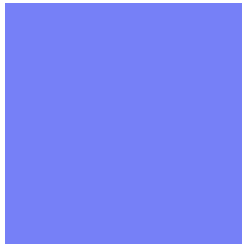
57.2100, 106.3620, 43.7860



18.2110, 33.5590, 14.0630

Previews

White Background



This preview shows how the YIQ color 138.5760, -44.1590, 34.8890 looks on a white background.

Color Contrast Check

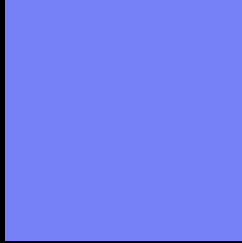
Large Text (above 18pt) WCAG AA ✓ Pass

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 138.5760, -44.1590, 34.8890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

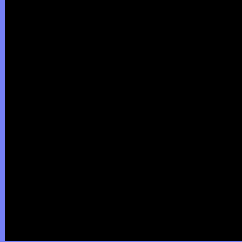
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 138.5760, -44.1590, 34.8890

Background



This preview shows how black text looks on a background with the YIQ color 138.5760, -44.1590, 34.8890.



This preview shows how white text looks on a background with the YIQ color 138.5760, -44.1590, 34.8890.

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

138.5760, -44.1590, 34.8890

Protanopia

131.8220, -71.5750, 25.1370

Deuteranopia

125.5330, -87.2990, 12.7410



Tritanopia

131.7270, -39.0160, -8.7760

Trichromacy



Original Color

138.5760, -44.1590, 34.8890

Protanomaly

133.9050, -61.4430, 28.7410

Deuteranomaly

130.1870, -71.3450, 20.9670

Tritanomaly

134.5550, -40.8070, 7.1690

Monochromacy



Original Color

138.5760, -44.1590, 34.8890

Achromatopsia

139.0000, -0.0000, 0.0000

Achromatomaly

138.7060, -16.1870, 12.5250

CSS Examples

Text

The CSS property to change the color of the text to YIQ 138.5760, -44.1590, 34.8890 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(118, 128, 247)` looks like.

```
.text, #text, p{  
    color:rgb(118, 128, 247)  
}
```

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(118, 128, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 128, 247) }
```

Border

The CSS property to change the border of an element to YIQ 138.5760, -44.1590, 34.8890 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(118, 128, 247) }
```


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

```
.border{ border-color:rgb(118, 128, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 128, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(118, 128, 247); -webkit-box-shadow:4px 4px 4px 4px rgb(118, 128, 247); box-shadow:4px 4px 4px 4px rgb(118, 128, 247) }
```

Background

The CSS property to change the background color of an element to YIQ 138.5760, -44.1590, 34.8890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 128, 247) }
```

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

```
.background{ background-color: rgb(118,  
128, 247) }
```

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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