

Converting Colors

YIQ(143.5790, -75.7450,
12.5990)

Have a look what the booklet for
YIQ(143.5790, -75.7450, 12.5990)
contains.

YIQ(143.5790, -75.7450, 12.5990)	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(143.5790, -75.7450,
12.5990)**

Conversions

Conversions Part 1

Format	Color
Hex	4F9CF9
RGB	79, 156, 249
RGB Percent	31%, 61%, 98%
CMY	0.6903, 0.3881, 0.0239
CMYK	0.68, 0.37, 0.00, 0.02
HSL	213°, 93%, 64%
HSV	213°, 68%, 98%
XYZ	32.1998, 32.2824, 94.0789
YIQ	143.5790, -75.7450, 12.5990

Conversions

Conversions Part 2

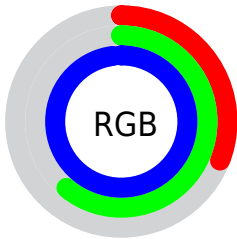
Format	Color
R _{YB}	79, 132, 249
Decimal	5217529
CIE Lab	63.58, 5.56, -53.29
CIE LCh	64, 53.581, 275.956
Yxy	32.2824, 0.2031, 0.2036
Android (android.graphics.Color)	4283407609 (0xFF4F9CF9)
YUV	143.5790, 51.9726, -56.6358
Hunter-Lab	56.8176, 1.7291, -58.4003

Details

The YIQ color **143.5790, -75.7450, 12.5990** is a light color, and the websafe version is hex **3399FF**. The color can be described as light washed azure. A complement of this color would be **184.4210, 75.7450, -12.5990**, and the grayscale version is **143.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **195.3960, -53.7810, 0.0030**, and **83.5230, -90.5070, 4.7970** is the 20% darker color. If you saturate the color by 10%, you get **127.8860, -86.7950, 14.6210**, and if you desaturate by 10%, it is **159.2720, -64.6950, 10.5770**.

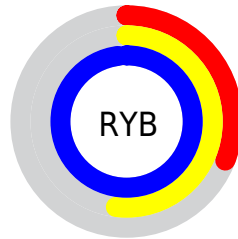
Distribution



Red (31%)

Green (61%)

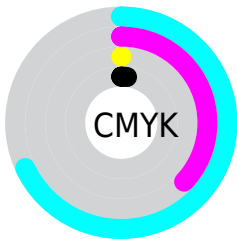
Blue (98%)



Red (31%)

Yellow (52%)

Blue (98%)

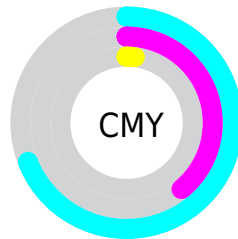


Cyan (68%)

Magenta (37%)

Yellow (0%)

Black (2%)



Cyan (69%)

Magenta (39%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 143.5790, -75.7450, 12.5990 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 143.5790, -75.7450, 12.5990 by changing the saturation by 10% instead.

■ 143.5790,
-75.7450, 12.5990

■ 143.5790,
-75.7450, 12.5990

■ 255.0000, -0.0000,
-0.0000

■ 112.1540,
-84.9140, 8.0620

■ 195.3960,
-53.7810, 0.0030

■ 83.5230, -90.5070,
4.7970

■ 221.1010,
-43.0050, -8.0690

■ 66.8300, -75.1940,
8.1180

■ 240.3490,
-29.2040, -10.3880

■ 50.3650, -60.5230,
12.0610

■ 249.3190,
-11.3240, -4.0280

■ 35.6610, -46.6770,
14.4350

■ 20.4840, -32.8770,
17.6430

■ 10.5900, -21.5520,

16.1440

■ 6.3210, -13.6650,
10.8710

■ 2.5250, -5.7320,
4.7640

■ 143.5790,
-75.7450, 12.5990

■ 143.5790,
-75.7450, 12.5990

■ 127.8860,
-86.7950, 14.6210

■ 159.2720,
-64.6950, 10.5770

■ 112.7800,
-98.1200, 16.1200

■ 174.3780,
-53.3700, 9.0780

■ 97.0870,
-109.1700, 18.1420

■ 190.0710,
-42.3200, 7.0560

■ 94.7170,
-111.0040, 18.3400

■ 205.1770,
-30.9950, 5.5570

■ 220.5710,
-20.5410, 3.3230

■ 236.2640, -9.4910,
1.3010

■ 251.3700, 1.8340,
-0.1980

■ 254.3160, 1.9260,
-1.8660

Harmonies

Analogous

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



126.6770, -123.8360, -13.4360



143.5790, -75.7450, 12.5990



157.3980, -11.4230, 36.3290

Triad

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



143.5790, -75.7450, 12.5990



152.7030, 76.1520, 18.5840



129.0620, -57.5780, -46.8420

Complementary

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



143.5790, -75.7450, 12.5990



184.4210, 75.7450, -12.5990

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.



142.5300, 2.7580, -38.9860



143.5790, -75.7450, 12.5990



150.9180, 67.2160, -6.7040

Square

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



143.5790, -75.7450, 12.5990



153.8600, 66.2450, 38.4450



148.4550, 42.8740, -28.1180



122.9540, -100.9520, -42.7120

Rectangle

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



143.5790, -75.7450, 12.5990



158.6810, 21.6330, 42.9850



148.4550, 42.8740, -28.1180



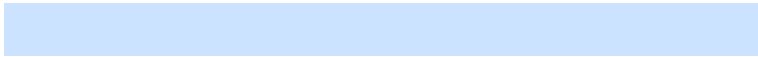
136.0450, -32.5450, -43.4650

Sweetspot

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



143.5790, -75.7450, 12.5990



223.3150, -22.6960, 3.8320



189.1640, -75.9610, -60.6090



108.7520, -13.8010, 2.3190



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.



143.5790, -75.7450, 12.5990



125.5910, -93.2140, 15.3140



100.1740, -50.9940, 54.1420



117.0040, -5.8230, 0.9050



72.0280, -84.3190, 13.8010



23.3900, -27.2810, 4.3270

Inverse Universe

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



138.6080, 76.6030, 59.9870



119.3210, 94.0690, 73.8530



227.8260, 50.9940, -54.1420



116.5710, 5.8220, 4.6220



66.3150, 85.0380, 66.8140



21.4310, 27.3680, 21.6400

Previews

White Background



This preview shows how the YIQ color 143.5790, -75.7450, 12.5990 looks on a white background.

Color Contrast Check

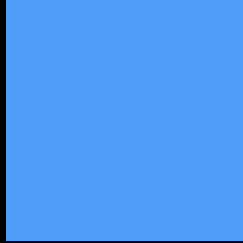
Large Text (above 18pt) WCAG AA × Fail

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 143.5790, -75.7450, 12.5990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

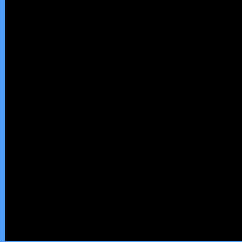
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

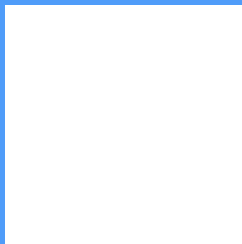
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 143.5790, -75.7450, 12.5990

Background



This preview shows how black text looks on a background with the YIQ color 143.5790, -75.7450, 12.5990.



This preview shows how white text looks on a background with the YIQ color 143.5790, -75.7450, 12.5990.

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

143.5790, -75.7450, 12.5990

Protanopia

150.7350, -49.5210, 21.9270

Deuteranopia

146.8900, -66.2550, 16.8250



Tritanopia

129.3230, -88.2090, -25.8490

Trichromacy



Original Color

143.5790, -75.7450, 12.5990

Protanomaly

147.9510, -59.0570, 18.5350

Deuteranomaly

145.9820, -69.5100, 15.2420

Tritanomaly

134.5060, -83.8100, -11.9540

Monochromacy



Original Color

143.5790, -75.7450, 12.5990

Achromatopsia

144.0000, -0.0000, 0.0000

Achromatomaly

143.5040, -27.6020, 4.6380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 143.5790, -75.7450, 12.5990 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(79, 156, 249)` looks like.

```
.text, #text, p{  
    color:rgb(79, 156, 249)  
}
```

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(79, 156, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 156, 249) }
```

Border

The CSS property to change the border of an element to YIQ 143.5790, -75.7450, 12.5990 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(79, 156, 249) }
```


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

```
.border{ border-color:rgb(79, 156, 249) }
```

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

Here you see how a box with a 4 pixel rgb(79, 156, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 156, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 156, 249);  
box-shadow:4px 4px 4px 4px rgb(79, 156,  
249) }
```

Background

The CSS property to change the background color of an element to YIQ 143.5790, -75.7450, 12.5990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 156, 249) }
```

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

```
.background{ background-color: rgb(79, 156,  
249) }
```

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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