

Converting Colors

YIQ(53.7790, -86.0700, 62.0740)

Have a look what the booklet for
YIQ(53.7790, -86.0700, 62.0740)
contains.

YIQ(53.7790, -86.0700, 62.0740)	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(53.7790, -86.0700,
62.0740)**

Conversions

Conversions Part 1

Format	Color
Hex	0A25FF
RGB	10, 37, 255
RGB Percent	4%, 15%, 100%
CMY	0.9604, 0.8549, 0.0005
CMYK	0.96, 0.85, 0.00, 0.00
HSL	233°, 100%, 52%
HSV	233°, 96%, 100%
XYZ	18.8164, 8.6001, 95.1662
YIQ	53.7790, -86.0700, 62.0740

Conversions

Conversions Part 2

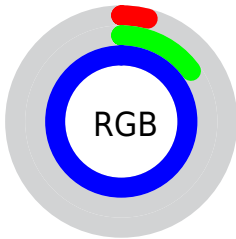
Format	Color
R_{YB}	10, 34, 255
Decimal	665087
CIE _{Lab}	35.20, 70.71, -102.94
CIE _{LCh}	35, 124.886, 304.484
Yxy	8.6001, 0.1535, 0.0702
Android (android.graphics.Color)	4278855167 (0xFF0A25FF)
YUV	53.7790, 99.2020, -38.3942
Hunter-Lab	29.3260, 63.2101, -171.8745




Details

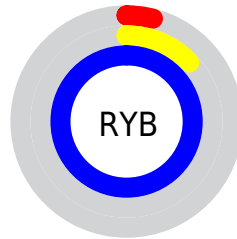
The YIQ color **53.7790, -86.0700, 62.0740** is a dark color, and the websafe version is hex **0033FF**. The color can be described as dark saturated blue. A complement of this color would be **211.2210, 86.0700, -62.0740**, and the grayscale version is **53.0000, -0.0000, -0.0000**.




A 20% lighter version of the original color is **118.0790, -34.4890, 57.8870**, and **22.3440, -62.9160, 60.9560** is the 20% darker color. If you saturate the color by 10%, you get **45.5060, -89.5550, 64.6610**, and if you desaturate by 10%, it is **75.0540, -76.8990, 55.5570**.

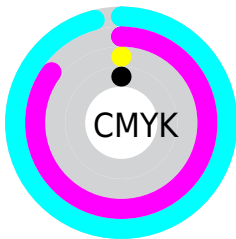
Distribution







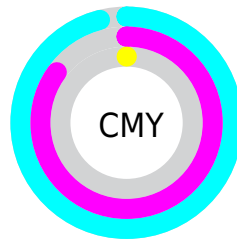
-  Red (4%)
-  Green (15%)
-  Blue (100%)






-  Red (4%)
-  Yellow (13%)
-  Blue (100%)



-  Cyan (96%)
-  Magenta (85%)
-  Yellow (0%)
-  Black (0%)



-  Cyan (96%)
-  Magenta (85%)
-  Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 53.7790, -86.0700, 62.0740 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 53.7790, -86.0700, 62.0740 by changing the saturation by 10% instead.

■ 53.7790, -86.0700,
62.0740

■ 53.7790, -86.0700,
62.0740

■ 255.0000, -0.0000,
-0.0000

■ 27.4110, -73.0500,
68.4060

■ 118.0790,
-34.4890, 57.8870

■ 22.3440, -62.9160,
60.9560

■ 143.8060,
-20.7790, 51.7090

■ 19.1520, -53.9280,
52.2480

■ 169.8210, -7.9400,
44.7960

■ 15.9600, -44.9400,
43.5400

■ 196.1240, 4.0280,
37.1480

■ 21.8010, -40.7190,
27.6090

■ 222.1280, 15.4000,
29.2880

■ 17.0760, -31.5480,
21.0920

■ 239.1510, 7.4250,

■ 11.2910, -22.1480,

14.1210

15.9320

■ 6.4350, -13.9860,
11.1820

■ 2.6390, -6.0530,
5.0750

■ 53.7790, -86.0700,
62.0740

■ 53.7790, -86.0700,
62.0740

■ 45.5060, -89.5550,
64.6610

■ 75.0540, -76.8990,
55.5570

■ 95.4430, -68.0490,
49.3510

■ 116.7180,
-58.8780, 42.8340

■ 137.6940,
-50.3030, 36.1050

■ 158.3820,
-40.8570, 30.1110

■ 179.3580,
-32.2820, 23.3820

■ 200.6330,
-23.1110, 16.8650

■ 221.0220,
-14.2610, 10.6590

■ 241.9980, -5.6860,
3.9300

Harmonies

Analogous

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



87.1830, -109.0800, 27.5280



53.7790, -86.0700, 62.0740



79.7070, 64.5840, 96.1040

Triad

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



53.7790, -86.0700, 62.0740



63.4230, 91.7400, 22.4280



76.2150, -61.6620, -27.8860

Complementary

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



53.7790, -86.0700, 62.0740



211.2210, 86.0700, -62.0740

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.



63.9830, -29.9750, -57.0070



53.7790, -86.0700, 62.0740



77.0930, 29.3940, -26.1100

Square

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



53.7790, -86.0700, 62.0740



65.1820, 129.9280, 46.2160



60.4610, -28.3250, -53.8690



89.9630, -94.8620, 1.1220

Rectangle

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



53.7790, -86.0700, 62.0740



81.7510, 104.8420, 82.3620



60.4610, -28.3250, -53.8690



71.5240, -49.8310, -38.5590

Sweetspot

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



53.7790, -86.0700, 62.0740



194.1320, -25.9540, 18.8300



178.4390, -136.7110, -60.9590



91.0650, -15.8200, 11.3800



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.



53.7790, -86.0700, 62.0740



45.5060, -89.5550, 64.6610



66.0360, -22.6210, 96.1230



117.0690, -4.4480, 3.5200



34.1010, -67.0860, 48.4180



11.4050, -22.4690, 16.2430

Inverse Universe

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



86.3330, 137.3530, 60.3370



79.4370, 142.9920, 62.7680



198.9640, 22.6210, -96.1230



119.0010, 7.4270, 3.0670



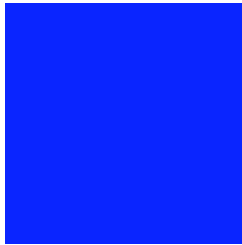
59.5030, 107.0950, 47.0230



19.9340, 35.8970, 15.7450

Previews

White Background



This preview shows how the YIQ color 53.7790, -86.0700, 62.0740 looks on a white background.

Color Contrast Check

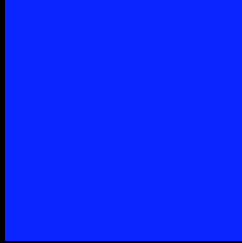
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YIQ color 53.7790, -86.0700, 62.0740 looks on a black 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

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

YIQ 53.7790, -86.0700, 62.0740

Background



This preview shows how black text looks on a background with the YIQ color 53.7790, -86.0700, 62.0740.



This preview shows how white text looks on a background with the YIQ color 53.7790, -86.0700,

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

53.7790, -86.0700, 62.0740

Protanopia

65.2970, -75.0110, 10.3090

Deuteranopia

65.9690, -68.6360, -0.6040



Tritanopia

64.2470, -55.5200, -18.0480

Trichromacy



Original Color

53.7790, -86.0700, 62.0740

Protanomaly

61.3360, -78.7740, 28.9540

Deuteranomaly

61.8600, -74.7380, 21.8860

Tritanomaly

60.3150, -66.2540, 11.2980

Monochromacy



Original Color

53.7790, -86.0700, 62.0740

Achromatopsia

54.0000, -0.0000, 0.0000

Achromatomaly

54.0160, -31.3190, 22.4490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 53.7790, -86.0700, 62.0740 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(10, 37, 255)` looks like.

```
.text, #text, p{  
    color:rgb(10, 37, 255)  
}
```

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(10, 37, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 37, 255) }
```

Border

The CSS property to change the border of an element to YIQ 53.7790, -86.0700, 62.0740 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(10, 37, 255) }
```


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

```
.border{ border-color:rgb(10, 37, 255) }
```

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

Here you see how a box with a 4 pixel rgb(10, 37, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 37, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 37, 255);  
box-shadow:4px 4px 4px 4px rgb(10, 37,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 53.7790, -86.0700, 62.0740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 37, 255) }
```

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

```
.background{ background-color: rgb(10, 37,  
255) }
```

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