

Converting Colors

YIQ(112.3740, -72.7690,
35.7670)

Have a look what the booklet for
YIQ(112.3740, -72.7690, 35.7670)
contains.

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Color

**YIQ(112.3740, -72.7690,
35.7670)**

Conversions

Conversions Part 1

Format	Color
Hex	416DFE
RGB	65, 109, 254
RGB Percent	25%, 43%, 100%
CMY	0.7451, 0.5725, 0.0043
CMYK	0.74, 0.57, 0.00, 0.00
HSL	226°, 99%, 63%
HSV	226°, 74%, 100%
XYZ	25.5234, 19.2142, 96.0436
YIQ	112.3740, -72.7690, 35.7670

Conversions

Conversions Part 2

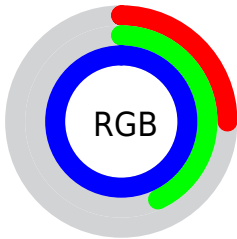
Format	Color
R _{YB}	65, 101, 254
Decimal	4287998
CIE Lab	50.94, 34.06, -76.40
CIE LCh	51, 83.647, 294.027
Yxy	19.2142, 0.1813, 0.1365
Android (android.graphics.Color)	4282478078 (0xFF416DFE)
YUV	112.3740, 69.8216, -41.5470
Hunter-Lab	43.8340, 27.2263, -99.2250

Details

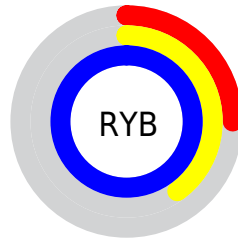
The YIQ color **112.3740, -72.7690, 35.7670** is a dark color, and the websafe version is hex **3366FF**. The color can be described as middle washed azure. A complement of this color would be **206.6260, 72.7690, -35.7670**, and the grayscale version is **112.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **163.9530, -44.2030, 24.6690**, and **59.3250, -80.2410, 28.0070** is the 20% darker color. If you saturate the color by 10%, you get **93.7460, -82.4440, 40.4040**, and if you desaturate by 10%, it is **131.0020, -63.0940, 31.1300**.

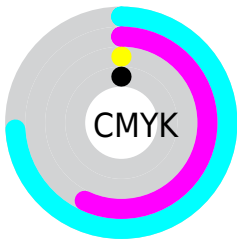
Distribution



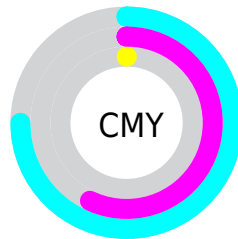
- Red (25%)
- Green (43%)
- Blue (100%)



- Red (25%)
- Yellow (40%)
- Blue (100%)



- Cyan (74%)
- Magenta (57%)
- Yellow (0%)
- Black (0%)



- Cyan (75%)
- Magenta (57%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 112.3740, -72.7690, 35.7670 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 112.3740, -72.7690, 35.7670 by changing the saturation by 10% instead.

■ 112.3740,
-72.7690, 35.7670

■ 112.3740,
-72.7690, 35.7670

■ 255.0000, -0.0000,
-0.0000

■ 75.5450, -95.6000,
25.5200

■ 163.9530,
-44.2030, 24.6690

■ 59.3250, -80.2410,
28.0070

■ 189.3700,
-32.5560, 17.3320

■ 43.8060, -65.4780,
30.2820

■ 215.0750,
-21.7800, 9.2600

■ 30.1620, -51.8610,
31.2990

■ 241.0790,
-10.4080, 1.4000

■ 12.9960, -36.5940,
35.4540

■ 17.7770, -32.1440,
20.8800

■ 11.4050, -22.4690,

16.2430

■ 6.4350, -13.9860,
11.1820

■ 2.7530, -6.3740,
5.3860

■ 112.3740,
-72.7690, 35.7670

■ 112.3740,
-72.7690, 35.7670

■ 93.7460, -82.4440,
40.4040

■ 131.0020,
-63.0940, 31.1300

■ 74.2320, -92.4400,
45.3520

■ 150.5160,
-53.0980, 26.1820

■ 63.5890, -97.7590,
48.1370

■ 169.1440,
-43.4230, 21.5450

■ 188.6580,
-33.4270, 16.5970

■ 207.2860,
-23.7520, 11.9600

■ 226.5010,
-14.3520, 6.8000

■ 245.4280, -4.0810,
2.3750

254.8860, 0.3210,
-0.3110

Harmonies

Analogous

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



108.3150, -118.9800, 8.7000



112.3740, -72.7690, 35.7670



118.5630, 28.9180, 70.6620

Triad

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



112.3740, -72.7690, 35.7670



109.1630, 103.4350, 3.2030



99.9060, -74.6340, -46.1060

Complementary

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



112.3740, -72.7690, 35.7670



206.6260, 72.7690, -35.7670

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.



87.3950, -46.2950, -69.6150



112.3740, -72.7690, 35.7670



114.7580, 64.0100, -25.7020

Square

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



112.3740, -72.7690, 35.7670



89.3060, 115.6200, 63.2360



106.1660, 17.9820, -50.5780



108.9290, -98.6630, -23.6150

Rectangle

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



112.3740, -72.7690, 35.7670



96.0210, 78.0190, 89.4030



106.1660, 17.9820, -50.5780



96.4690, -66.3340, -53.3580

Sweetspot

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



112.3740, -72.7690, 35.7670



213.0150, -21.5510, 10.6170



192.4730, -98.5200, -53.7520



102.5720, -13.1140, 6.3900



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.



112.3740, -72.7690, 35.7670



84.9890, -87.4420, 42.8780



101.4960, -30.8690, 69.3790



118.2430, -4.9980, 2.4740



48.1890, -73.6860, 35.8660



16.1010, -24.6690, 12.0590

Inverse Universe

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



126.5270, 98.5200, 53.7520



101.9150, 118.2790, 64.6070



217.5040, 30.8690, -69.3790



119.2290, 6.7850, 3.6890



62.2390, 99.3910, 54.4870



20.8460, 33.3290, 18.2330

Previews

White Background



This preview shows how the YIQ color 112.3740, -72.7690, 35.7670 looks on a white background.

Color Contrast Check

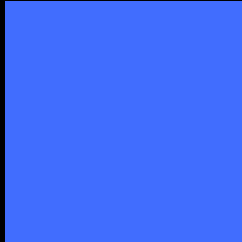
Large Text (above 18pt) WCAG AA ✓ Pass

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 112.3740, -72.7690, 35.7670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

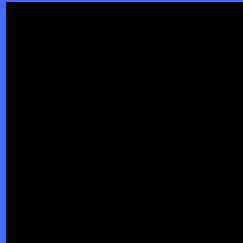
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 112.3740, -72.7690, 35.7670

Background



This preview shows how black text looks on a background with the YIQ color 112.3740, -72.7690, 35.7670.



This preview shows how white text looks on a background with the YIQ color 112.3740, -72.7690, 35.7670.

35.7670.

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

112.3740, -72.7690, 35.7670

Protanopia

96.1360, -110.8660, 15.8380

Deuteranopia

96.3690, -101.8770, 1.6030



Tritanopia

94.9600, -82.7530, -25.6090

Trichromacy



Original Color

112.3740, -72.7690, 35.7670

Protanomaly

101.8930, -96.7000, 23.4280

Deuteranomaly

102.3200, -91.0130, 13.9710

Tritanomaly

101.4130, -78.8140, -3.3740

Monochromacy



Original Color

112.3740, -72.7690, 35.7670

Achromatopsia

112.0000, -0.0000, 0.0000

Achromatomaly

112.2580, -26.5490, 13.0910

CSS Examples

Text

The CSS property to change the color of the text to YIQ 112.3740, -72.7690, 35.7670 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(65, 109, 254)` looks like.

```
.text, #text, p{  
    color:rgb(65, 109, 254)  
}
```

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(65, 109, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 109, 254) }
```

Border

The CSS property to change the border of an element to YIQ 112.3740, -72.7690, 35.7670 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(65, 109, 254) }
```


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

```
.border{ border-color:rgb(65, 109, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 109, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 109, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 109, 254);  
box-shadow:4px 4px 4px 4px rgb(65, 109,  
254) }
```

Background

The CSS property to change the background color of an element to YIQ 112.3740, -72.7690, 35.7670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 109, 254) }
```

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

```
.background{ background-color: rgb(65, 109,  
254) }
```

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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