

Converting Colors

YIQ(115.1240, -75.0610,
33.2510)

Have a look what the booklet for
YIQ(115.1240, -75.0610, 33.2510)
contains.

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Color

**YIQ(115.1240, -75.0610,
33.2510)**

Conversions

Conversions Part 1

Format	Color
Hex	4072FF
RGB	64, 114, 255
RGB Percent	25%, 45%, 100%
CMY	0.7490, 0.5529, 0.0004
CMYK	0.75, 0.55, 0.00, 0.00
HSL	224°, 100%, 63%
HSV	224°, 75%, 100%
XYZ	26.1668, 20.3425, 97.0675
YIQ	115.1240, -75.0610, 33.2510

Conversions

Conversions Part 2

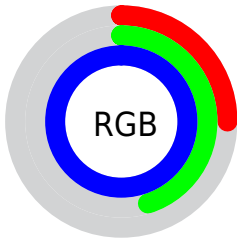
Format	Color
R _{YB}	64, 104, 255
Decimal	4223743
CIE _{Lab}	52.22, 31.21, -74.86
CIE _{LCh}	52, 81.106, 292.629
Y _{xy}	20.3425, 0.1822, 0.1417
Android (android.graphics.Color)	4282413823 (0xFF4072FF)
Y _{UV}	115.1240, 68.9589, -44.8357
Hunter-Lab	45.1027, 24.6293, -96.0289

Details

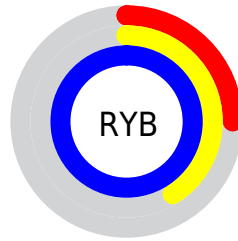
The YIQ color **115.1240, -75.0610, 33.2510** is a dark color, and the websafe version is hex **3366FF**. The color can be described as middle washed azure. A complement of this color would be **203.8760, 75.0610, -33.2510**, and the grayscale version is **115.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **166.5890, -46.1740, 21.8420**, and **61.7870, -81.6620, 26.2260** is the 20% darker color. If you saturate the color by 10%, you get **96.4960, -84.7360, 37.8880**, and if you desaturate by 10%, it is **133.7520, -65.3860, 28.6140**.

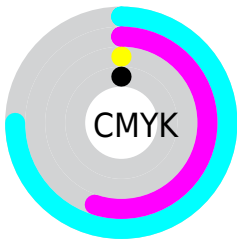
Distribution



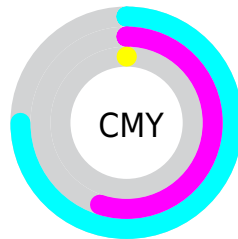
- Red (25%)
- Green (45%)
- Blue (100%)



- Red (25%)
- Yellow (41%)
- Blue (100%)



- Cyan (75%)
- Magenta (55%)
- Yellow (0%)
- Black (0%)



- Cyan (75%)
- Magenta (55%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 115.1240, -75.0610, 33.2510 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 115.1240, -75.0610, 33.2510 by changing the saturation by 10% instead.

■ 115.1240,
-75.0610, 33.2510

■ 115.1240,
-75.0610, 33.2510

■ 255.0000, -0.0000,
-0.0000

■ 78.5940, -97.2960,
23.2160

■ 166.5890,
-46.1740, 21.8420

■ 61.7870, -81.6620,
26.2260

■ 192.0060,
-34.5270, 14.5050

■ 46.2680, -66.8990,
28.5010

■ 218.0100,
-23.1550, 6.6450

■ 32.6240, -53.2820,
29.5180

■ 243.7150,
-12.3790, -1.4270

■ 16.0450, -38.2900,
33.1500

■ 17.8910, -32.4650,
21.1910

■ 11.5190, -22.7900,

16.5540

■ 6.5490, -14.3070,
11.4930

■ 2.8670, -6.6950,
5.6970

■ 115.1240,
-75.0610, 33.2510

■ 115.1240,
-75.0610, 33.2510

■ 96.4960, -84.7360,
37.8880

■ 133.7520,
-65.3860, 28.6140

■ 77.5690, -95.0070,
42.3130

■ 152.6790,
-55.1150, 24.1890

■ 68.3990,
-100.2800, 44.2640

■ 170.7200,
-45.1650, 20.0750

■ 189.6470,
-34.8940, 15.6500

■ 208.2750,
-25.2190, 11.0130

■ 227.2020,
-14.9480, 6.5880

■ 245.8300, -5.2730,
1.9510

■ 255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



110.6630, -120.0800, 6.6080



115.1240, -75.0610, 33.2510



123.8890, 24.8840, 66.6760

Triad

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



115.1240, -75.0610, 33.2510



112.1200, 104.9940, 2.4820



101.7810, -75.7800, -47.3640

Complementary

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



115.1240, -75.0610, 33.2510



203.8760, 75.0610, -33.2510

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.



89.7260, -48.7250, -69.6290



115.1240, -75.0610, 33.2510



117.7260, 67.0360, -25.4760

Square

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



115.1240, -75.0610, 33.2510



100.0940, 110.1650, 57.4690



110.6180, 22.5210, -50.2390



110.5760, -99.1670, -25.4950

Rectangle

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



115.1240, -75.0610, 33.2510



109.3200, 69.4470, 79.5510



110.6180, 22.5210, -50.2390



97.7570, -67.2050, -54.0930

Sweetspot

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



115.1240, -75.0610, 33.2510



214.1890, -22.1010, 9.5710



192.0770, -97.4650, -56.3530



103.1590, -13.3890, 5.8670



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.



115.1240, -75.0610, 33.2510



87.0270, -90.6050, 39.6270



99.2290, -34.4910, 68.9410



118.2430, -4.9980, 2.4740



51.1240, -75.0610, 33.2510



17.2750, -25.2190, 11.0130

Inverse Universe

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



126.8090, 97.7860, 56.0420



100.7240, 117.4990, 67.7310



219.7710, 34.4910, -68.9410



119.2290, 6.7850, 3.6890



62.8090, 97.7860, 56.0420



21.0740, 32.6870, 18.8550

Previews

White Background



This preview shows how the YIQ color 115.1240, -75.0610, 33.2510 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 115.1240, -75.0610, 33.2510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

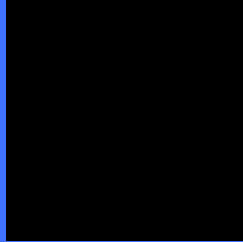
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 115.1240, -75.0610, 33.2510

Background



This preview shows how black text looks on a background with the YIQ color 115.1240, -75.0610, 33.2510.



This preview shows how white text looks on a background with the YIQ color 115.1240, -75.0610,

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

115.1240, -75.0610, 33.2510

Protanopia

98.6950, -113.9380, 16.4460

Deuteranopia

99.5150, -105.2240, 1.6880



Tritanopia

97.1770, -84.8620, -25.9340

Trichromacy



Original Color

115.1240, -75.0610, 33.2510

Protanomaly

104.5120, -100.0010, 22.6790

Deuteranomaly

104.9390, -94.3140, 13.2220

Tritanomaly

103.8040, -81.4730, -4.7450

Monochromacy



Original Color

115.1240, -75.0610, 33.2510

Achromatopsia

115.0000, -0.0000, 0.0000

Achromatomaly

115.1330, -27.6950, 11.8330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 115.1240, -75.0610, 33.2510 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(64, 114, 255)` looks like.

```
.text, #text, p{  
    color:rgb(64, 114, 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(64, 114, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 114, 255) }
```

Border

The CSS property to change the border of an element to YIQ 115.1240, -75.0610, 33.2510 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(64, 114, 255) }
```


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

```
.border{ border-color:rgb(64, 114, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 114, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 114, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 114, 255);  
box-shadow:4px 4px 4px 4px rgb(64, 114,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 115.1240, -75.0610, 33.2510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 114, 255) }
```

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

```
.background{ background-color: rgb(64, 114,  
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](#).

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