

Converting Colors

YIQ(79.3410, -94.3650, 41.6910)

Have a look what the booklet for
YIQ(79.3410, -94.3650, 41.6910)
contains.

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Color

**YIQ(79.3410, -94.3650,
41.6910)**

Conversions

Conversions Part 1

Format	Color
Hex	0F4EFF
RGB	15, 78, 255
RGB Percent	6%, 31%, 100%
CMY	0.9410, 0.6940, 0.0005
CMYK	0.94, 0.69, 0.00, 0.00
HSL	224°, 100%, 53%
HSV	224°, 94%, 100%
XYZ	20.9521, 12.7657, 95.8574
YIQ	79.3410, -94.3650, 41.6910

Conversions

Conversions Part 2

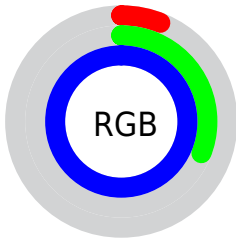
Format	Color
R _Y B	15, 65, 255
Decimal	1003263
CIE _{Lab}	42.41, 50.28, -90.98
CIE _{LCh}	42, 103.951, 298.928
Y _{xy}	12.7657, 0.1617, 0.0985
Android (android.graphics.Color)	4279193343 (0xFF0F4EFF)
Y _{UV}	79.3410, 86.5999, -56.4271
Hunter-Lab	35.7291, 42.1495, -134.0584

Details

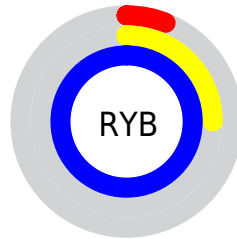
The YIQ color **79.3410, -94.3650, 41.6910** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark saturated blue. A complement of this color would be **190.6590, 94.3650, -41.6910**, and the grayscale version is **79.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **138.9010, -46.4520, 37.9000**, and **42.4160, -72.5870, 43.4850** is the 20% darker color. If you saturate the color by 10%, you get **68.3990, -100.2800, 44.2640**, and if you desaturate by 10%, it is **98.2680, -84.0940, 37.2660**.

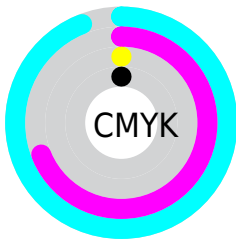
Distribution



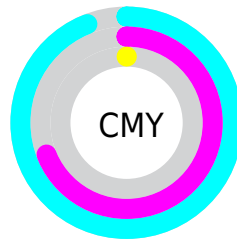
- Red (6%)
- Green (31%)
- Blue (100%)



- Red (6%)
- Yellow (25%)
- Blue (100%)



- Cyan (94%)
- Magenta (69%)
- Yellow (0%)
- Black (0%)



- Cyan (94%)
- Magenta (69%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 79.3410, -94.3650, 41.6910 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 79.3410, -94.3650, 41.6910 by changing the saturation by 10% instead.

■ 79.3410, -94.3650,
41.6910

■ 79.3410, -94.3650,
41.6910

■ 255.0000, -0.0000,
-0.0000

■ 57.9350, -87.3500,
41.2100

■ 138.9010,
-46.4520, 37.9000

■ 42.4160, -72.5870,
43.4850

■ 164.6280,
-32.7420, 31.7220

■ 28.5440, -58.3280,
43.8800

■ 190.3440,
-20.4990, 24.5970

■ 16.0740, -45.2610,
43.8510

■ 216.6470, -8.5310,
16.9490

■ 17.6920, -38.7940,
31.2700

■ 242.6510, 2.8410,
9.0890

■ 17.7770, -32.1440,
20.8800

■ 11.4050, -22.4690,

16.2430

■ 6.4350, -13.9860,
11.1820

■ 2.7530, -6.3740,
5.3860

■ 79.3410, -94.3650,
41.6910

■ 79.3410, -94.3650,
41.6910

■ 68.3990,
-100.2800, 44.2640

■ 98.2680, -84.0940,
37.2660

■ 116.8960,
-74.4190, 32.6290

■ 135.2360,
-63.8730, 28.7270

■ 153.8640,
-54.1980, 24.0900

■ 172.4920,
-44.5230, 19.4530

■ 191.4190,
-34.2520, 15.0280

■ 210.0470,
-24.5770, 10.3910

■ 228.3870,
-14.0310, 6.4890

■ 247.0150, -4.3560,
1.8520

Harmonies

Analogous

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



96.5750, -113.4800, 19.1600



79.3410, -94.3650, 41.6910



79.1820, 53.1210, 100.1050

Triad

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



79.3410, -94.3650, 41.6910



84.3880, 98.8480, 14.7520



86.5530, -65.9700, -37.9220

Complementary

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



79.3410, -94.3650, 41.6910



190.6590, 94.3650, -41.6910

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.



73.9620, -34.6500, -65.8980



79.3410, -94.3650, 41.6910



94.3140, 47.8250, -24.2310

Square

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



79.3410, -94.3650, 41.6910



71.3210, 128.4590, 56.3230



73.4630, -22.6390, -57.7990



97.7590, -94.7680, -11.6000

Rectangle

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



79.3410, -94.3650, 41.6910



83.6760, 92.2320, 90.6320



73.4630, -22.6390, -57.7990



83.0190, -56.0190, -47.5630

Sweetspot

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



79.3410, -94.3650, 41.6910



202.6600, -27.7410, 12.6670



175.9440, -122.4960, -70.7840



96.0600, -17.4240, 7.4080



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.



79.3410, -94.3650, 41.6910



68.3990, -100.2800, 44.2640



59.1040, -43.6640, 86.5120



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.



93.9420, 122.8170, 70.4730



83.8830, 130.4730, 74.8970



210.8960, 43.6640, -86.5120



119.2290, 6.7850, 3.6890



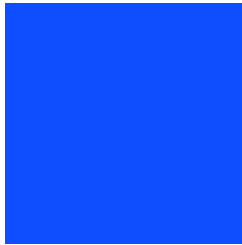
62.8090, 97.7860, 56.0420



21.0740, 32.6870, 18.8550

Previews

White Background



This preview shows how the YIQ color 79.3410, -94.3650, 41.6910 looks on a white background.

Color Contrast Check

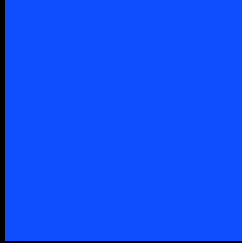
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 79.3410, -94.3650, 41.6910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

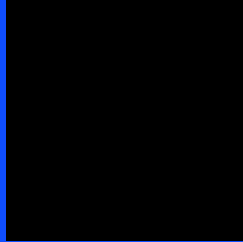
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 79.3410, -94.3650, 41.6910

Background



This preview shows how black text looks on a background with the YIQ color 79.3410, -94.3650, 41.6910.



This preview shows how white text looks on a background with the YIQ color 79.3410, -94.3650,

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

79.3410, -94.3650, 41.6910

Protanopia

79.2660, -90.9210, 12.3030

Deuteranopia

79.4820, -83.2620, 0.1460



Tritanopia

77.7940, -67.4860, -21.4540

Trichromacy



Original Color

79.3410, -94.3650, 41.6910

Protanomaly

78.9320, -92.4360, 23.2440

Deuteranomaly

79.1140, -87.4370, 15.2430

Tritanomaly

77.9450, -77.2560, 1.4320

Monochromacy



Original Color

79.3410, -94.3650, 41.6910

Achromatopsia

79.0000, -0.0000, 0.0000

Achromatomaly

79.4190, -34.2520, 15.0280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 79.3410, -94.3650, 41.6910 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(15, 78, 255)` looks like.

```
.text, #text, p{  
    color:rgb(15, 78, 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(15, 78, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 78, 255) }
```

Border

The CSS property to change the border of an element to YIQ 79.3410, -94.3650, 41.6910 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(15, 78, 255) }
```


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

```
.border{ border-color:rgb(15, 78, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 78, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 78, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 78, 255);  
box-shadow:4px 4px 4px 4px rgb(15, 78,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 79.3410, -94.3650, 41.6910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 78, 255) }
```

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

```
.background{ background-color: rgb(15, 78,  
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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