

Converting Colors

YIQ(64.4120, -74.7910, 61.4090)

Have a look what the booklet for
YIQ(64.4120, -74.7910, 61.4090)
contains.

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Color

**YIQ(64.4120, -74.7910,
61.4090)**

Conversions

Conversions Part 1

Format	Color
Hex	1F2DFC
RGB	31, 45, 252
RGB Percent	12%, 18%, 99%
CMY	0.8782, 0.8235, 0.0122
CMYK	0.88, 0.82, 0.00, 0.01
HSL	236°, 97%, 55%
HSV	236°, 88%, 99%
XYZ	19.0567, 9.1898, 92.7680
YIQ	64.4120, -74.7910, 61.4090

Conversions

Conversions Part 2

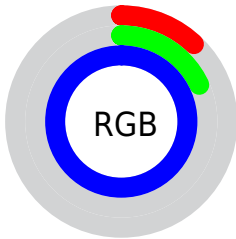
Format	Color
R_{YB}	31, 44, 252
Decimal	2043388
CIE _{Lab}	36.35, 67.01, -99.35
CIE _{LCh}	36, 119.834, 303.999
Yxy	9.1898, 0.1575, 0.0759
Android (android.graphics.Color)	4280233468 (0xFF1F2DFC)
YUV	64.4120, 92.4809, -29.3023
Hunter-Lab	30.3147, 59.1591, -160.2168

Details

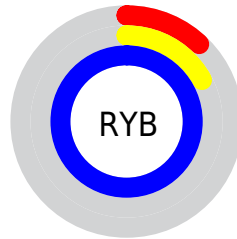
The YIQ color **64.4120, -74.7910, 61.4090** is a dark color, and the websafe version is hex **0033FF**. The color can be described as dark washed blue. A complement of this color would be **218.5880, 74.7910, -61.4090**, and the grayscale version is **64.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **122.7970, -33.7550, 55.5970**, and **22.1160, -62.2740, 60.3340** is the 20% darker color. If you saturate the color by 10%, you get **42.8490, -83.0910, 68.6610**, and if you desaturate by 10%, it is **85.9750, -66.4910, 54.1570**.

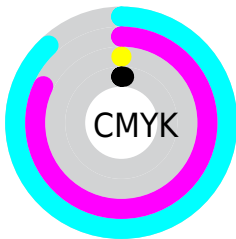
Distribution



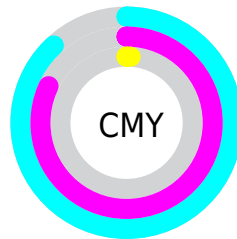
- Red (12%)
- Green (18%)
- Blue (99%)



- Red (12%)
- Yellow (17%)
- Blue (99%)



- Cyan (88%)
- Magenta (82%)
- Yellow (0%)
- Black (1%)



- Cyan (88%)
- Magenta (82%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 64.4120, -74.7910, 61.4090 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 64.4120, -74.7910, 61.4090 by changing the saturation by 10% instead.

■ 64.4120, -74.7910,
61.4090

■ 64.4120, -74.7910,
61.4090

■ 255.0000, -0.0000,
-0.0000

■ 35.2870, -75.9370,
60.1510

■ 122.7970,
-33.7550, 55.5970

■ 22.0020, -61.9530,
60.0230

■ 148.8120,
-20.9160, 48.6840

■ 18.8100, -52.9650,
51.3150

■ 174.5280, -8.6730,
41.5590

■ 15.7320, -44.2980,
42.9180

■ 200.2440, 3.5700,
34.4340

■ 20.8720, -39.4810,
27.1990

■ 225.6500, 13.7500,
26.1500

■ 16.8480, -30.9060,
20.4700

■ 242.6730, 5.7750,

■ 10.4760, -21.2310,

10.9830

15.8330

■ 6.2070, -13.3440,
10.5600

■ 2.4110, -5.4110,
4.4530

■ 64.4120, -74.7910,
61.4090

■ 64.4120, -74.7910,
61.4090

■ 42.8490, -83.0910,
68.6610

■ 85.9750, -66.4910,
54.1570

■ 38.1200, -85.2920,
70.0040

■ 106.9510,
-57.9160, 47.4280

■ 128.8130,
-49.0200, 40.3880

■ 149.7890,
-40.4450, 33.6590

■ 171.3520,
-32.1450, 26.4070

■ 192.9150,
-23.8450, 19.1550

■ 213.8910,
-15.2700, 12.4260

■ 235.7530, -6.3740,
5.3860

254.6580, 0.9630,
-0.9330

Harmonies

Analogous

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



88.3570, -109.6300, 26.4820



64.4120, -74.7910, 61.4090



79.2230, 63.0710, 95.9910

Triad

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



64.4120, -74.7910, 61.4090



68.4290, 91.6030, 19.4030



77.9760, -62.4870, -29.4550

Complementary

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



64.4120, -74.7910, 61.4090



218.5880, 74.7910, -61.4090

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.



65.7440, -30.8000, -58.5760



64.4120, -74.7910, 61.4090



79.7620, 31.8240, -26.0960

Square

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



64.4120, -74.7910, 61.4090



65.1820, 129.9280, 46.2160



62.2220, -29.1500, -55.4380



90.7950, -94.4490, -0.8570

Rectangle

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



64.4120, -74.7910, 61.4090



81.6090, 102.3660, 83.1820



62.2220, -29.1500, -55.4380



73.5130, -51.2980, -39.5060

Sweetspot

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



64.4120, -74.7910, 61.4090



198.8720, -22.2860, 18.4340



184.2110, -126.9010, -51.5170



93.7340, -13.3900, 11.3940



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.



64.4120, -74.7910, 61.4090



38.4620, -86.2550, 70.9370



84.8980, -13.7250, 89.0830



114.0690, -4.4480, 3.5200



28.5900, -63.9690, 52.5030



9.3020, -20.6810, 16.8790

Inverse Universe

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



98.6750, 127.2220, 51.2060



78.0690, 146.8440, 59.0360



198.1020, 13.7250, -89.0830



116.0010, 7.4270, 3.0670



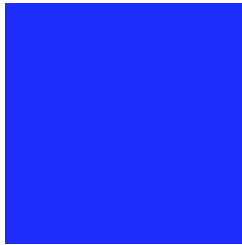
57.8790, 108.7920, 43.8000



18.6950, 35.0720, 14.1760

Previews

White Background



This preview shows how the YIQ color 64.4120, -74.7910, 61.4090 looks on a white background.

Color Contrast Check

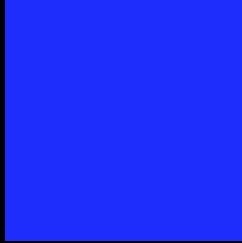
Large Text (above 18pt) WCAG AA ✓ Pass

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 64.4120, -74.7910, 61.4090 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 64.4120, -74.7910, 61.4090

Background



This preview shows how black text looks on a background with the YIQ color 64.4120, -74.7910, 61.4090.



This preview shows how white text looks on a background with the YIQ color 64.4120, -74.7910,

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

64.4120, -74.7910, 61.4090

Protanopia

67.6280, -77.4410, 10.2950

Deuteranopia

67.5990, -70.4700, -0.4060



Tritanopia

66.3500, -57.3080, -18.6840

Trichromacy



Original Color

64.4120, -74.7910, 61.4090

Protanomaly

66.5920, -76.6190, 28.4450

Deuteranomaly

66.5290, -72.3080, 21.9000

Tritanomaly

65.4570, -63.7780, 10.4780

Monochromacy



Original Color

64.4120, -74.7910, 61.4090

Achromatopsia

64.0000, -0.0000, -0.0000

Achromatomaly

64.0550, -27.0550, 22.2650

CSS Examples

Text

The CSS property to change the color of the text to YIQ 64.4120, -74.7910, 61.4090 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(31, 45, 252)` looks like.

```
.text, #text, p{  
    color:rgb(31, 45, 252)  
}
```

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(31, 45, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 45, 252) }
```

Border

The CSS property to change the border of an element to YIQ 64.4120, -74.7910, 61.4090 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(31, 45, 252) }
```


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

```
.border{ border-color:rgb(31, 45, 252) }
```

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

Here you see how a box with a 4 pixel rgb(31, 45, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 45, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 45, 252);  
box-shadow:4px 4px 4px 4px rgb(31, 45,  
252) }
```

Background

The CSS property to change the background color of an element to YIQ 64.4120, -74.7910, 61.4090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 45, 252) }
```

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

```
.background{ background-color: rgb(31, 45,  
252) }
```

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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