

Converting Colors

YIQ(95.1450, -44.0230, 43.4410)

Have a look what the booklet for
YIQ(95.1450, -44.0230, 43.4410)
contains.

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Color

**YIQ(95.1450, -44.0230,
43.4410)**

Conversions

Conversions Part 1

Format	Color
Hex	504FDA
RGB	80, 79, 218
RGB Percent	31%, 31%, 85%
CMY	0.6862, 0.6902, 0.1454
CMYK	0.63, 0.64, 0.00, 0.15
HSL	240°, 65%, 58%
HSV	240°, 64%, 85%
XYZ	18.7516, 12.3566, 67.6770
YIQ	95.1450, -44.0230, 43.4410

Conversions

Conversions Part 2

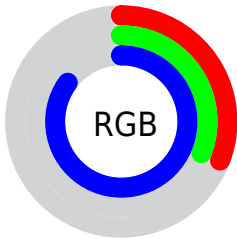
Format	Color
R_{YB}	80, 79, 218
Decimal	5263322
CIE _{Lab}	41.78, 42.03, -71.07
CIE _{LCh}	42, 82.567, 300.603
Yxy	12.3566, 0.1898, 0.1251
Android (android.graphics.Color)	4283453402 (0xFF504FDA)
YUV	95.1450, 60.5675, -13.2822
Hunter-Lab	35.1520, 33.7039, -89.5429

Details

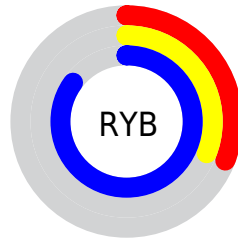
The YIQ color **95.1450, -44.0230, 43.4410** is a dark color, and the websafe version is hex **6666FF**. The color can be described as dark muted blue. A complement of this color would be **201.8550, 44.0230, -43.4410**, and the grayscale version is **95.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **147.5500, -32.1020, 42.1540**, and **38.4260, -61.3520, 32.6000** is the 20% darker color. If you saturate the color by 10%, you get **75.6530, -51.0850, 50.2830**, and if you desaturate by 10%, it is **114.6370, -36.9610, 36.5990**.

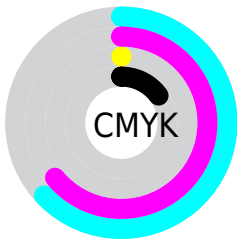
Distribution



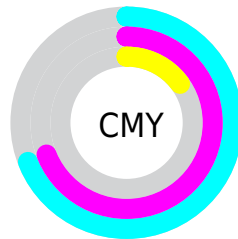
- Red (31%)
- Green (31%)
- Blue (85%)



- Red (31%)
- Yellow (31%)
- Blue (85%)



- Cyan (63%)
- Magenta (64%)
- Yellow (0%)
- Black (15%)



- Cyan (69%)
- Magenta (69%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 95.1450, -44.0230, 43.4410 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 95.1450, -44.0230, 43.4410 by changing the saturation by 10% instead.

■ 95.1450, -44.0230,
43.4410

■ 95.1450, -44.0230,
43.4410

■ 255.0000, -0.0000,
-0.0000

■ 67.0900, -51.3580,
38.7060

■ 147.5500,
-32.1020, 42.1540

■ 38.4260, -61.3520,
32.6000

■ 171.7820,
-21.3720, 34.9160

■ 23.0210, -46.9100,
35.1860

■ 196.6010,
-10.9170, 27.1550

■ 12.4260, -34.9890,
33.8990

■ 222.3060, -0.1410,
19.0830

■ 12.9840, -28.2930,
22.6750

■ 245.0210, 4.6750,
8.8910

■ 10.2480, -20.5890,
15.2110

■ 5.2780, -12.1060,

10.1500

■ 1.3680, -3.8520,
3.7320

■ 0.0000, 0.0000,
0.0000

■ 95.1450, -44.0230,
43.4410

■ 95.1450, -44.0230,
43.4410

■ 75.6530, -51.0850,
50.2830

■ 114.6370,
-36.9610, 36.5990

■ 56.4600, -57.5510,
57.3370

■ 133.8300,
-30.4950, 29.5450

■ 37.5550, -64.8880,
63.6560

■ 152.7350,
-23.1580, 23.2260

■ 25.4500, -68.7860,
68.2220

■ 172.2270,
-16.0960, 16.3840

■ 191.4200, -9.6300,
9.3300

■ 210.9120, -2.5680,
2.4880

■ 230.1050, 3.8980,
-4.5660

■ 249.0100, 11.2350,
-10.8850

■ 250.7820, 11.8770,
-11.5070

Harmonies

Analogous

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



90.5280, -106.0980, 17.5340



95.1450, -44.0230, 43.4410



79.0050, 48.5850, 83.1850

Triad

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



95.1450, -44.0230, 43.4410



89.2840, 84.0410, 2.2570



84.5470, -65.8330, -34.8970

Complementary

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



95.1450, -44.0230, 43.4410



201.8550, 44.0230, -43.4410

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.



73.3070, -39.6950, -57.0630



95.1450, -44.0230, 43.4410



92.8190, 44.8450, -25.2910

Square

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



95.1450, -44.0230, 43.4410



64.8720, 110.6700, 53.8220



80.3840, -3.0630, -49.1350



92.4130, -87.9820, -13.4380

Rectangle

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



95.1450, -44.0230, 43.4410



75.0180, 82.1010, 81.5010



80.3840, -3.0630, -49.1350



81.2240, -57.8540, -41.8380

Sweetspot

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



95.1450, -44.0230, 43.4410



212.4720, -15.4080, 14.9280



176.4390, -82.8440, -29.4680



101.4200, -9.6300, 9.3300



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.



95.1450, -44.0230, 43.4410



83.7140, -61.0820, 60.7580



115.4770, -3.4950, 57.8570



100.2540, -3.5310, 3.4210



20.0210, -54.9370, 54.0150



5.2440, -14.7660, 14.3060

Inverse Universe

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



136.2930, 38.5460, 72.3860



141.0080, 53.6710, 101.1510



181.2240, 2.8990, -58.0690



103.5430, 3.0250, 5.7530



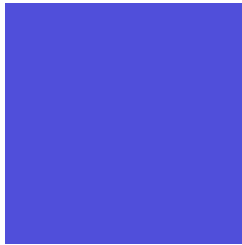
71.3350, 47.8960, 90.1680



18.9980, 12.6500, 24.0580

Previews

White Background



This preview shows how the YIQ color 95.1450, -44.0230, 43.4410 looks on a white background.

Color Contrast Check

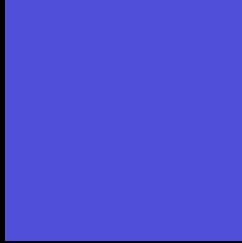
Large Text (above 18pt) WCAG AA ✓ Pass

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 95.1450, -44.0230, 43.4410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

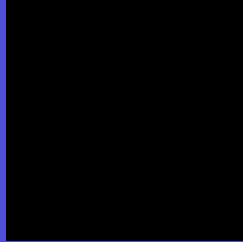
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 95.1450, -44.0230, 43.4410

Background



This preview shows how black text looks on a background with the YIQ color 95.1450, -44.0230, 43.4410.



This preview shows how white text looks on a background with the YIQ color 95.1450, -44.0230,

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

95.1450, -44.0230, 43.4410

Protanopia

78.5650, -90.3250, 12.5150

Deuteranopia

78.8950, -82.9870, 0.6690



Tritanopia

81.3220, -60.1050, -17.5530

Trichromacy



Original Color

95.1450, -44.0230, 43.4410

Protanomaly

84.5120, -73.6380, 23.9780

Deuteranomaly

84.8080, -68.9600, 16.2880

Tritanomaly

86.1450, -54.3320, 4.4840

Monochromacy



Original Color

95.1450, -44.0230, 43.4410

Achromatopsia

95.0000, -0.0000, -0.0000

Achromatomaly

95.1130, -15.7750, 16.0730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 95.1450, -44.0230, 43.4410 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(80, 79, 218)` looks like.

```
.text, #text, p{  
    color:rgb(80, 79, 218)  
}
```

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(80, 79, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 79, 218) }
```

Border

The CSS property to change the border of an element to YIQ 95.1450, -44.0230, 43.4410 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(80, 79, 218) }
```


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

```
.border{ border-color:rgb(80, 79, 218) }
```

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

Here you see how a box with a 4 pixel rgb(80, 79, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 79, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 79, 218);  
box-shadow:4px 4px 4px 4px rgb(80, 79,  
218) }
```

Background

The CSS property to change the background color of an element to YIQ 95.1450, -44.0230, 43.4410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 79, 218) }
```

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

```
.background{ background-color: rgb(80, 79,  
218) }
```

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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