

Converting Colors

YIQ(93.9320, -47.7370, 44.6710)

Have a look what the booklet for
YIQ(93.9320, -47.7370, 44.6710)
contains.

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Color

**YIQ(93.9320, -47.7370,
44.6710)**

Conversions

Conversions Part 1

Format	Color
Hex	4C4EDF
RGB	76, 78, 223
RGB Percent	30%, 31%, 87%
CMY	0.7018, 0.6941, 0.1258
CMYK	0.66, 0.65, 0.00, 0.13
HSL	239°, 70%, 59%
HSV	239°, 66%, 87%
XYZ	19.0156, 12.3099, 71.1315
YIQ	93.9320, -47.7370, 44.6710

Conversions

Conversions Part 2

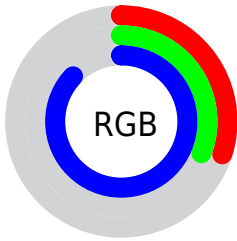
Format	Color
R_{YB}	76, 78, 223
Decimal	5000927
CIE _{Lab}	41.70, 43.71, -74.05
CIE _{LCh}	42, 85.986, 300.551
Yxy	12.3099, 0.1856, 0.1201
Android (android.graphics.Color)	4283191007 (0xFF4C4EDF)
YUV	93.9320, 63.6305, -15.7264
Hunter-Lab	35.0855, 35.3437, -95.6433

Details

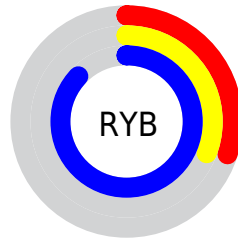
The YIQ color **93.9320, -47.7370, 44.6710** is a dark color, and the websafe version is hex **6666FF**. The color can be described as dark muted blue. A complement of this color would be **205.0680, 47.7370, -44.6710**, and the grayscale version is **93.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **146.3650, -33.0190, 42.2530**, and **38.4090, -62.6820, 34.6780** is the 20% darker color. If you saturate the color by 10%, you get **74.4400, -54.7990, 51.5130**, and if you desaturate by 10%, it is **113.4240, -40.6750, 37.8290**.

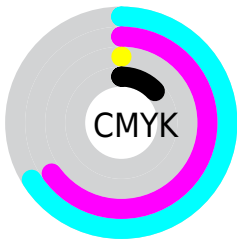
Distribution



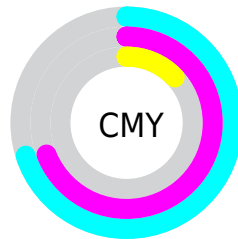
- Red (30%)
- Green (31%)
- Blue (87%)



- Red (30%)
- Yellow (31%)
- Blue (87%)



- Cyan (66%)
- Magenta (65%)
- Yellow (0%)
- Black (13%)



- Cyan (70%)
- Magenta (69%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 93.9320, -47.7370, 44.6710 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 93.9320, -47.7370, 44.6710 by changing the saturation by 10% instead.

■ 93.9320, -47.7370,
44.6710

■ 93.9320, -47.7370,
44.6710

■ 255.0000, -0.0000,
-0.0000

■ 64.5670, -57.1350,
38.7770

■ 146.3650,
-33.0190, 42.2530

■ 38.2950, -62.3610,
34.3670

■ 170.5970,
-22.2890, 35.0150

■ 22.8900, -47.9190,
36.9530

■ 195.7150,
-11.2380, 27.4660

■ 12.8820, -36.2730,
35.1430

■ 221.1210, -1.0580,
19.1820

■ 13.4400, -29.5770,
23.9190

■ 244.4340, 4.9500,
9.4140

■ 10.7040, -21.8730,
16.4550

■ 6.3210, -13.6650,

10.8710

■ 2.6390, -6.0530,
5.0750

■ 0.0000, 0.0000,
0.0000

■ 93.9320, -47.7370,
44.6710

■ 93.9320, -47.7370,
44.6710

■ 74.4400, -54.7990,
51.5130

■ 113.4240,
-40.6750, 37.8290

■ 54.6490, -62.4570,
58.1430

■ 133.2150,
-33.0170, 31.1990

■ 35.1570, -69.5190,
64.9850

■ 152.7070,
-25.9550, 24.3570

■ 27.1830, -72.4080,
67.7840

■ 172.1990,
-18.8930, 17.5150

■ 191.6910,
-11.8310, 10.6730

■ 211.4820, -4.1730,
4.0430

■ 230.9740, 2.8890,
-2.7990

■ 250.4660, 9.9510,
-9.6410

■ 251.3520, 10.2720,
-9.9520

Harmonies

Analogous

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



91.6850, -107.9780, 18.5660



93.9320, -47.7370, 44.6710



72.7870, 52.4350, 90.5070

Triad

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



93.9320, -47.7370, 44.6710



88.7080, 85.7830, 3.7270



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.



93.9320, -47.7370, 44.6710



205.0680, 47.7370, -44.6710

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.



73.0960, -37.7230, -59.7630



93.9320, -47.7370, 44.6710



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.



93.9320, -47.7370, 44.6710



65.8400, 113.6960, 54.0480



79.4760, -6.3180, -50.7180



93.3420, -89.2200, -13.0280

Rectangle

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



93.9320, -47.7370, 44.6710



76.0290, 83.5680, 82.4480



79.4760, -6.3180, -50.7180



81.1100, -57.5330, -42.1490

Sweetspot

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



93.9320, -47.7370, 44.6710



210.4010, -16.6460, 15.3380



178.7050, -86.6490, -32.0970



100.5340, -9.9510, 9.6410



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.



93.9320, -47.7370, 44.6710



78.0880, -65.0710, 61.4650



113.9870, -4.8710, 60.7690



102.2540, -3.5310, 3.4210



21.2380, -57.0460, 53.6900



6.0590, -15.6830, 14.4050

Inverse Universe

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



120.1810, 86.9700, 31.7860



114.3270, 119.1540, 43.2340



185.0130, 4.8710, -60.7690



104.2890, 6.5560, 2.3320



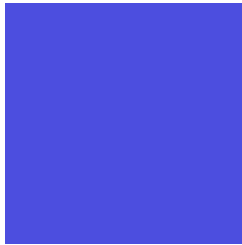
52.8520, 104.2540, 37.9340



14.4660, 28.2870, 10.4870

Previews

White Background



This preview shows how the YIQ color 93.9320, -47.7370, 44.6710 looks on a white background.

Color Contrast Check

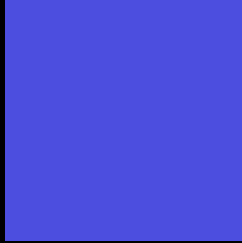
Large Text (above 18pt) WCAG AA ✓ Pass

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 93.9320, -47.7370, 44.6710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

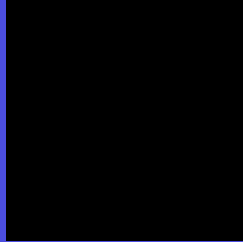
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 93.9320, -47.7370, 44.6710

Background



This preview shows how black text looks on a background with the YIQ color 93.9320, -47.7370, 44.6710.



This preview shows how white text looks on a background with the YIQ color 93.9320, -47.7370,

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

93.9320, -47.7370, 44.6710

Protanopia

77.8640, -89.7290, 12.7270

Deuteranopia

78.1940, -82.3910, 0.8810



Tritanopia

77.3210, -67.5320, -20.6200

Trichromacy



Original Color

93.9320, -47.7370, 44.6710

Protanomaly

83.7400, -74.2800, 24.6000

Deuteranomaly

84.0360, -69.6020, 16.9100

Tritanomaly

83.6820, -60.3380, 3.1980

Monochromacy



Original Color

93.9320, -47.7370, 44.6710

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

93.7430, -17.6090, 16.2710

CSS Examples

Text

The CSS property to change the color of the text to YIQ 93.9320, -47.7370, 44.6710 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(76, 78, 223)` looks like.

```
.text, #text, p{  
    color:rgb(76, 78, 223)  
}
```

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(76, 78, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 78, 223) }
```

Border

The CSS property to change the border of an element to YIQ 93.9320, -47.7370, 44.6710 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(76, 78, 223) }
```


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

```
.border{ border-color:rgb(76, 78, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 78, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 78, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 78, 223);  
box-shadow:4px 4px 4px 4px rgb(76, 78,  
223) }
```

Background

The CSS property to change the background color of an element to YIQ 93.9320, -47.7370, 44.6710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 78, 223) }
```

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

```
.background{ background-color: rgb(76, 78,  
223) }
```

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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