

Converting Colors

YIQ(47.9590, -44.3400, 21.6440)

Have a look what the booklet for
YIQ(47.9590, -44.3400, 21.6440)
contains.

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Color

**YIQ(47.9590, -44.3400,
21.6440)**

Conversions

Conversions Part 1

Format	Color
Hex	132E86
RGB	19, 46, 134
RGB Percent	7%, 18%, 53%
CMY	0.9255, 0.8196, 0.4748
CMYK	0.86, 0.66, 0.00, 0.47
HSL	226°, 75%, 30%
HSV	226°, 86%, 53%
XYZ	5.5447, 3.8128, 22.9752
YIQ	47.9590, -44.3400, 21.6440

Conversions

Conversions Part 2

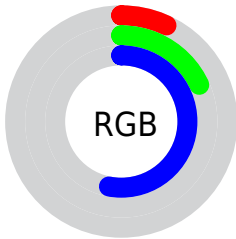
Format	Color
R _Y B	19, 41, 134
Decimal	1257094
CIE Lab	23.04, 25.63, -51.75
CIE LCh	23, 57.752, 296.346
Yxy	3.8128, 0.1715, 0.1179
Android (android.graphics.Color)	4279447174 (0xFF132E86)
YUV	47.9590, 42.4182, -25.3970
Hunter-Lab	19.5264, 16.5153, -56.0934

Details

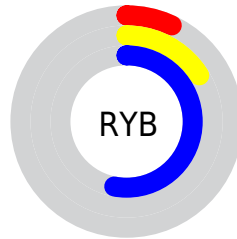
The YIQ color **47.9590, -44.3400, 21.6440** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **105.0410, 44.3400, -21.6440**, and the grayscale version is **48.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **101.1500, -34.3920, 28.5840**, and **10.6360, -27.1930, 24.7670** is the 20% darker color. If you saturate the color by 10%, you get **38.2020, -49.3380, 24.1180**, and if you desaturate by 10%, it is **57.7160, -39.3420, 19.1700**.

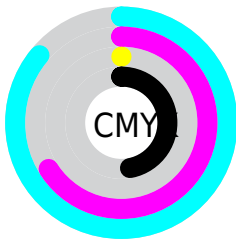
Distribution



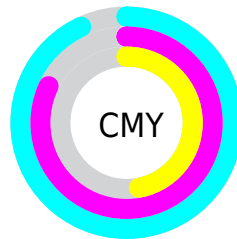
- Red (7%)
- Green (18%)
- Blue (53%)



- Red (7%)
- Yellow (16%)
- Blue (53%)



- Cyan (86%)
- Magenta (66%)
- Yellow (0%)
- Black (47%)



- Cyan (93%)
- Magenta (82%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 47.9590, -44.3400, 21.6440 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 47.9590, -44.3400, 21.6440 by changing the saturation by 10% instead.

■ 47.9590, -44.3400,
21.6440

■ 47.9590, -44.3400,
21.6440

■ 255.0000, -0.0000,
-0.0000

■ 27.5740, -41.8180,
19.9900

■ 101.1500,
-34.3920, 28.5840

■ 10.6360, -27.1930,
24.7670

■ 127.1010,
-32.6960, 30.8880

■ 10.2480, -20.5890,
15.2110

■ 154.0410,
-32.4670, 32.2450

■ 5.3920, -12.4270,
10.4610

■ 178.8150,
-26.1390, 27.6930

■ 2.0690, -4.4480,
3.5200

■ 203.3350,
-16.2800, 19.7200

■ 0.0000, 0.0000,
0.0000

■ 228.7410, -6.1000,

11.4360

253.2390, 0.8250,
1.5690

■ 47.9590, -44.3400,
21.6440

■ 47.9590, -44.3400,
21.6440

■ 38.2020, -49.3380,
24.1180

■ 57.7160, -39.3420,
19.1700

■ 33.4730, -51.5390,
25.4610

■ 68.3590, -34.0230,
16.3850

■ 78.1160, -29.0250,
13.9110

■ 88.1720, -23.4310,
11.6490

■ 97.9290, -18.4330,
9.1750

■ 107.6860,
-13.4350, 6.7010

■ 118.3290, -8.1160,
3.9160

■ 128.0860, -3.1180,
1.4420

■ 138.1420, 2.4760,
-0.8200

Harmonies

Analogous

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



53.2830, -63.2280, 11.5240



47.9590, -44.3400, 21.6440



46.1530, 23.4200, 49.1480

Triad

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



47.9590, -44.3400, 21.6440



48.1190, 54.0090, 6.8810



47.1490, -34.9330, -22.2050

Complementary

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



47.9590, -44.3400, 21.6440



105.0410, 44.3400, -21.6440

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.



40.5030, -18.9750, -36.0870



47.9590, -44.3400, 21.6440



52.3510, 29.2080, -11.7200

Square

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



47.9590, -44.3400, 21.6440



39.0570, 66.8880, 32.2960



45.9510, 0.5550, -26.5890



52.8660, -49.6530, -8.7330

Rectangle

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



47.9590, -44.3400, 21.6440



44.3590, 46.2070, 49.1750



45.9510, 0.5550, -26.5890



44.8520, -29.8430, -26.3470

Sweetspot

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



47.9590, -44.3400, 21.6440



139.5870, -17.4700, 8.2420



96.3090, -59.2310, -33.3990



66.6000, -10.3170, 5.2590



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



47.9590, -44.3400, 21.6440



43.7890, -66.8080, 32.3600



40.7810, -19.6310, 41.9130



61.2710, -2.2010, 1.3430



33.0170, -50.2550, 24.2170



0.9290, -1.2380, 0.4100

Inverse Universe

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



56.4630, 59.8730, 32.7770



56.4010, 89.9470, 49.4270



112.2190, 19.6310, -41.9130



61.9080, 3.2550, 1.5830



42.4040, 67.5290, 37.2010



1.0110, 1.4670, 0.9470

Previews

White Background



This preview shows how the YIQ color 47.9590, -44.3400, 21.6440 looks on a white background.

Color Contrast Check

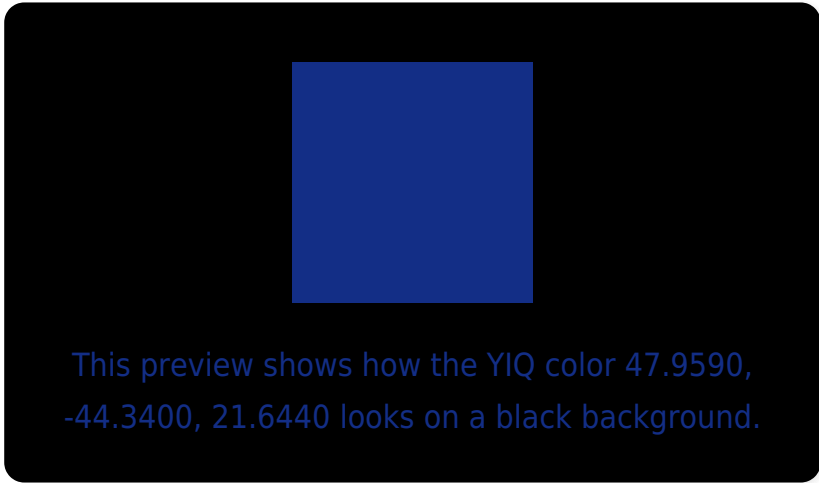
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

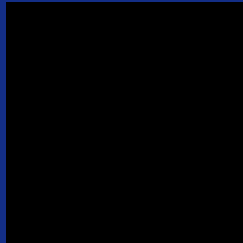
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 47.9590, -44.3400, 21.6440

Background



This preview shows how black text looks on a background with the YIQ color 47.9590, -44.3400, 21.6440.



This preview shows how white text looks on a background with the YIQ color 47.9590, -44.3400,

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

47.9590, -44.3400, 21.6440

Protanopia

43.9930, -50.8480, 7.4240

Deuteranopia

44.4030, -46.4910, 0.0450



Tritanopia

43.2170, -37.6400, -11.6880

Trichromacy



Original Color

47.9590, -44.3400, 21.6440

Protanomaly

45.2370, -48.4190, 12.9650

Deuteranomaly

45.7440, -45.7130, 7.9750

Tritanomaly

45.2250, -40.1180, 0.1860

Monochromacy



Original Color

47.9590, -44.3400, 21.6440

Achromatopsia

48.0000, -0.0000, 0.0000

Achromatomaly

47.6580, -16.2320, 7.8320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 47.9590, -44.3400, 21.6440 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(19, 46, 134)` looks like.

```
.text, #text, p{  
    color:rgb(19, 46, 134)  
}
```

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(19, 46, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 46, 134) }
```

Border

The CSS property to change the border of an element to YIQ 47.9590, -44.3400, 21.6440 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(19, 46, 134) }
```


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

```
.border{ border-color:rgb(19, 46, 134) }
```

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

Here you see how a box with a 4 pixel rgb(19, 46, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 46, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 46, 134);  
box-shadow:4px 4px 4px 4px rgb(19, 46,  
134) }
```

Background

The CSS property to change the background color of an element to YIQ 47.9590, -44.3400, 21.6440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 46, 134) }
```

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

```
.background{ background-color: rgb(19, 46,  
134) }
```

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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