

Converting Colors

YIQ(95.8420, -30.7690, 23.4950)

Have a look what the booklet for
YIQ(95.8420, -30.7690, 23.4950)
contains.

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Color

**YIQ(95.8420, -30.7690,
23.4950)**

Conversions

Conversions Part 1

Format	Color
Hex	5159AA
RGB	81, 89, 170
RGB Percent	32%, 35%, 67%
CMY	0.6823, 0.6510, 0.3335
CMYK	0.52, 0.48, 0.00, 0.33
HSL	235°, 35%, 49%
HSV	235°, 52%, 67%
XYZ	14.2179, 11.7955, 39.5342
YIQ	95.8420, -30.7690, 23.4950

Conversions

Conversions Part 2

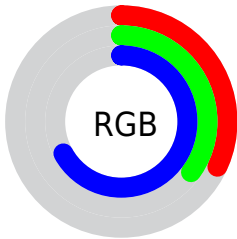
Format	Color
R_{YB}	81, 88, 170
Decimal	5331370
CIE _{Lab}	40.89, 20.21, -44.60
CIE _{LCh}	41, 48.962, 294.378
Yxy	11.7955, 0.2169, 0.1800
Android (android.graphics.Color)	4283521450 (0xFF5159AA)
YUV	95.8420, 36.5599, -13.0164
Hunter-Lab	34.3446, 13.7921, -44.2077

Details

The YIQ color $95.8420, -30.7690, 23.4950$ is a dark color, and the websafe version is hex $6666CC$. A complement of this color would be $155.1580, 30.7690, -23.4950$, and the grayscale version is $96.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $148.0210, -29.7150, 26.4210$, and $44.8470, -38.3330, 17.4030$ is the 20% darker color. If you saturate the color by 10%, you get $81.9540, -36.7760, 27.7360$, and if you desaturate by 10%, it is $109.7300, -24.7620, 19.2540$.

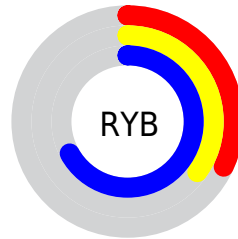
Distribution



Red (32%)

Green (35%)

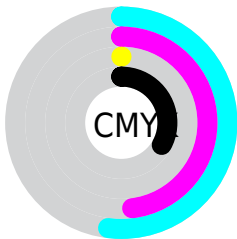
Blue (67%)



Red (32%)

Yellow (35%)

Blue (67%)

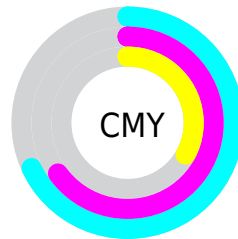


Cyan (52%)

Magenta (48%)

Yellow (0%)

Black (33%)



Cyan (68%)

Magenta (65%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 95.8420, -30.7690, 23.4950 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 95.8420, -30.7690, 23.4950 by changing the saturation by 10% instead.

■ 95.8420, -30.7690,
23.4950

■ 95.8420, -30.7690,
23.4950

■ 255.0000, -0.0000,
-0.0000

■ 70.8910, -32.4650,
21.1910

■ 148.0210,
-29.7150, 26.4210

■ 44.8470, -38.3330,
17.4030

■ 174.9610,
-29.4860, 27.7780

■ 24.5760, -36.1320,
16.0600

■ 199.1820,
-20.2230, 19.5930

■ 7.7520, -21.8280,
21.1480

■ 224.2890,
-10.6390, 11.0970

■ 6.8910, -15.2700,
12.4260

■ 250.2820, -0.7340,
2.2900

■ 3.2090, -7.6580,
6.6300

■ 0.0000, 0.0000,

0.0000

■ 95.8420, -30.7690,
23.4950

■ 95.8420, -30.7690,
23.4950

■ 81.9540, -36.7760,
27.7360

■ 109.7300,
-24.7620, 19.2540

■ 67.4790, -42.5080,
32.5000

■ 124.2050,
-19.0300, 14.4900

■ 53.5910, -48.5150,
36.7410

■ 138.0930,
-13.0230, 10.2490

■ 39.1160, -54.2470,
41.5050

■ 152.5680, -7.2910,
5.4850

■ 28.1850, -58.6950,
45.0250

■ 166.4560, -1.2840,
1.2440

■ 180.9310, 4.4480,
-3.5200

■ 194.8190, 10.4550,
-7.7610

■ 209.2940, 16.1870,
-12.5250

■ 223.1820, 22.1940,
-16.7660

Harmonies

Analogous

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



80.6390, -85.1420, 1.1780



95.8420, -30.7690, 23.4950



99.0560, 15.9030, 36.6950

Triad

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



95.8420, -30.7690, 23.4950



92.5940, 59.7410, 2.1170



77.4230, -59.5520, -33.0880

Complementary

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



95.8420, -30.7690, 23.4950



155.1580, 30.7690, -23.4950

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.



77.6910, -31.3080, -38.3480



95.8420, -30.7690, 23.4950



90.4820, 47.4120, -22.2520

Square

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



95.8420, -30.7690, 23.4950



92.6770, 61.8460, 24.5500



87.1900, 18.5750, -33.7850



82.0970, -72.7130, -20.3370

Rectangle

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



95.8420, -30.7690, 23.4950



96.0280, 39.4690, 39.1250



87.1900, 18.5750, -33.7850



75.2400, -54.7830, -36.9190

Sweetspot

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



95.8420, -30.7690, 23.4950



192.4520, -12.6560, 9.1040



142.3630, -50.1550, -21.6670



94.5680, -7.2910, 5.4850



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



95.8420, -30.7690, 23.4950



105.5910, -48.5150, 36.7410



101.9100, -7.1130, 35.3110



76.9120, -2.5680, 2.4880



24.5030, -51.0830, 39.2290



3.4540, -6.9700, 5.1740

Inverse Universe

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



108.5230, 50.4760, 21.3560



125.3420, 79.2670, 33.7230



149.0900, 7.1130, -35.3110



78.3920, 4.7680, 1.6960



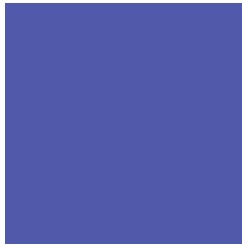
45.7340, 84.0350, 35.4190



6.2080, 11.2780, 4.8620

Previews

White Background



This preview shows how the YIQ color 95.8420, -30.7690, 23.4950 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 95.8420, -30.7690, 23.4950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

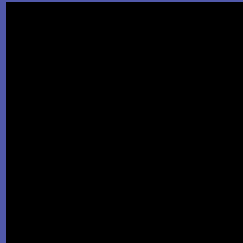
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 95.8420, -30.7690, 23.4950

Background



This preview shows how black text looks on a background with the YIQ color 95.8420, -30.7690, 23.4950.



This preview shows how white text looks on a background with the YIQ color 95.8420, -30.7690,

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

95.8420, -30.7690, 23.4950

Protanopia

91.7580, -48.3280, 16.8240

Deuteranopia

87.1540, -58.5510, 9.3610



Tritanopia

91.3540, -27.6000, -6.4160

Trichromacy



Original Color

95.8420, -30.7690, 23.4950

Protanomaly

93.1610, -42.0930, 19.4670

Deuteranomaly

90.2910, -48.5110, 14.6330

Tritanomaly

92.9060, -28.7940, 4.2140

Monochromacy



Original Color

95.8420, -30.7690, 23.4950

Achromatopsia

96.0000, -0.0000, 0.0000

Achromatomaly

95.8220, -10.8220, 8.9060

CSS Examples

Text

The CSS property to change the color of the text to YIQ 95.8420, -30.7690, 23.4950 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(81, 89, 170)` looks like.

```
.text, #text, p{  
    color:rgb(81, 89, 170)  
}
```

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(81, 89, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 89, 170) }
```

Border

The CSS property to change the border of an element to YIQ 95.8420, -30.7690, 23.4950 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(81, 89, 170) }
```


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

```
.border{ border-color:rgb(81, 89, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 89, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 89, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 89, 170);  
box-shadow:4px 4px 4px 4px rgb(81, 89,  
170) }
```

Background

The CSS property to change the background color of an element to YIQ 95.8420, -30.7690, 23.4950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 89, 170) }
```

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

```
.background{ background-color: rgb(81, 89,  
170) }
```

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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