

Converting Colors

YIQ(94.6320, -21.3700, 23.8620)

Have a look what the booklet for
YIQ(94.6320, -21.3700, 23.8620)
contains.

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Color

**YIQ(94.6320, -21.3700,
23.8620)**

Conversions

Conversions Part 1

Format	Color
Hex	59559F
RGB	89, 85, 159
RGB Percent	35%, 33%, 62%
CMY	0.6509, 0.6667, 0.3766
CMYK	0.44, 0.47, 0.00, 0.38
HSL	243°, 30%, 48%
HSV	243°, 47%, 62%
XYZ	13.6244, 11.1233, 34.2133
YIQ	94.6320, -21.3700, 23.8620

Conversions

Conversions Part 2

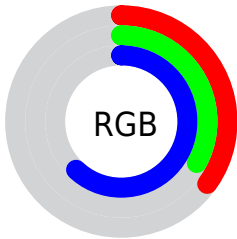
Format	Color
R_{YB}	89, 85, 159
Decimal	5854623
CIE _{Lab}	39.79, 21.21, -39.78
CIE _{LCh}	40, 45.087, 298.067
Yxy	11.1233, 0.2311, 0.1887
Android (android.graphics.Color)	4284044703 (0xFF59559F)
YUV	94.6320, 31.7334, -4.9393
Hunter-Lab	33.3516, 14.5538, -37.4759

Details

The YIQ color $94.6320, -21.3700, 23.8620$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $149.3680, 21.3700, -23.8620$, and the grayscale version is $94.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $146.3980, -20.5910, 26.2650$, and $46.1430, -24.4870, 19.7770$ is the 20% darker color. If you saturate the color by 10%, you get $80.7550, -25.9100, 29.0500$, and if you desaturate by 10%, it is $108.5090, -16.8300, 18.6740$.

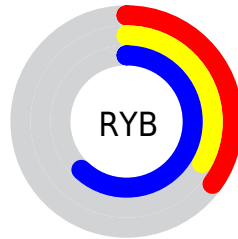
Distribution



Red (35%)

Green (33%)

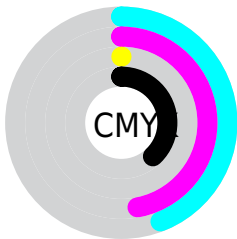
Blue (62%)



Red (35%)

Yellow (33%)

Blue (62%)

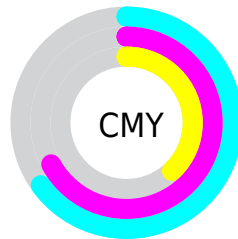


Cyan (44%)

Magenta (47%)

Yellow (0%)

Black (38%)



Cyan (65%)

Magenta (67%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 94.6320, -21.3700, 23.8620 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 94.6320, -21.3700, 23.8620 by changing the saturation by 10% instead.

■ 94.6320, -21.3700,
23.8620

■ 94.6320, -21.3700,
23.8620

■ 255.0000, -0.0000,
-0.0000

■ 70.3930, -22.1950,
22.2930

■ 146.3980,
-20.5910, 26.2650

■ 46.1430, -24.4870,
19.7770

■ 173.0390,
-20.9580, 27.4100

■ 21.0880, -31.8220,
15.0420

■ 198.6280,
-15.5470, 22.9570

■ 6.7260, -18.9390,
18.3490

■ 223.7350, -5.9630,
14.4610

■ 5.2780, -12.1060,
10.1500

■ 248.5430, 3.0250,
5.7530

■ 1.3680, -3.8520,
3.7320

■ 0.0000, 0.0000,

0.0000

■ 94.6320, -21.3700,
23.8620

■ 94.6320, -21.3700,
23.8620

■ 80.7550, -25.9100,
29.0500

■ 108.5090,
-16.8300, 18.6740

■ 66.8780, -30.4500,
34.2380

■ 122.3860,
-12.2900, 13.4860

■ 53.0010, -34.9900,
39.4260

■ 136.2630, -7.7500,
8.2980

■ 39.1240, -39.5300,
44.6140

■ 150.1400, -3.2100,
3.1100

■ 25.8340, -44.3450,
49.2790

■ 163.4300, 1.6050,
-1.5550

■ 20.8170, -45.6750,
51.3570

■ 177.3070, 6.1450,
-6.7430

■ 191.1840, 10.6850,
-11.9310

■ 205.0610, 15.2250,
-17.1190

■ 218.9380, 19.7650,
-22.3070

Harmonies

Analogous

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



77.1510, -80.8320, 0.1600



94.6320, -21.3700, 23.8620



96.3290, 19.3880, 34.1080

Triad

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



94.6320, -21.3700, 23.8620



91.0770, 53.8270, -0.8370



75.4170, -59.4150, -30.0630

Complementary

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



94.6320, -21.3700, 23.8620



149.3680, 21.3700, -23.8620

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.



75.4180, -34.7930, -35.7610



94.6320, -21.3700, 23.8620



88.4150, 40.3510, -20.9370

Square

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



94.6320, -21.3700, 23.8620



90.5900, 57.5370, 20.0410



85.5900, 11.6970, -30.2790



79.6350, -71.2920, -18.5560

Rectangle

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



94.6320, -21.3700, 23.8620



93.5070, 39.3780, 35.2660



85.5900, 11.6970, -30.2790



73.3480, -54.9670, -33.5830

Sweetspot

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



94.6320, -21.3700, 23.8620



181.6050, -8.7130, 9.2310



134.5260, -43.0040, -13.5960



89.3510, -5.1820, 5.8100



232.0000, -0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



94.6320, -21.3700, 23.8620



106.0180, -33.6600, 37.3480



105.6950, 0.6820, 31.7060



72.2110, -1.9720, 2.7000



18.6940, -41.1350, 46.1690



2.0090, -4.2190, 4.8770

Inverse Universe

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



115.1060, 21.6340, 37.4580



138.1100, 34.1470, 58.4910



138.3050, -0.6820, -31.7060



74.3040, 2.2000, 4.1840



58.1470, 41.8930, 72.3010



6.0810, 4.4460, 7.5340

Previews

White Background



This preview shows how the YIQ color 94.6320, -21.3700, 23.8620 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 94.6320, -21.3700, 23.8620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

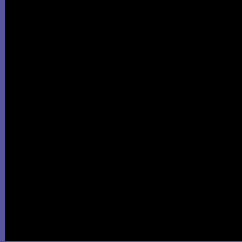
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 94.6320, -21.3700, 23.8620

Background



This preview shows how black text looks on a background with the YIQ color 94.6320, -21.3700, 23.8620.



This preview shows how white text looks on a background with the YIQ color 94.6320, -21.3700,

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

94.6320, -21.3700, 23.8620

Protanopia

90.1670, -42.2300, 16.4420

Deuteranopia

88.3250, -45.8510, 10.4770



Tritanopia

91.3340, -15.6800, -2.1760

Trichromacy



Original Color

94.6320, -21.3700, 23.8620

Protanomaly

92.0540, -34.4820, 19.1980

Deuteranomaly

90.8640, -37.0030, 15.3250

Tritanomaly

92.7610, -18.0200, 7.1960

Monochromacy



Original Color

94.6320, -21.3700, 23.8620

Achromatopsia

95.0000, -0.0000, -0.0000

Achromatomaly

94.6760, -7.4750, 8.8210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 94.6320, -21.3700, 23.8620 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(89, 85, 159)` looks like.

```
.text, #text, p{  
    color:rgb(89, 85, 159)  
}
```

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(89, 85, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 85, 159) }
```

Border

The CSS property to change the border of an element to YIQ 94.6320, -21.3700, 23.8620 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(89, 85, 159) }
```


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

```
.border{ border-color:rgb(89, 85, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 85, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 85, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 85, 159);  
box-shadow:4px 4px 4px 4px rgb(89, 85,  
159) }
```

Background

The CSS property to change the background color of an element to YIQ 94.6320, -21.3700, 23.8620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 85, 159) }
```

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

```
.background{ background-color: rgb(89, 85,  
159) }
```

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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