

Converting Colors

YIQ(89.3920, -21.5950, 0.3970)

Have a look what the booklet for
YIQ(89.3920, -21.5950, 0.3970)
contains.

YIQ(89.3920, -21.5950, 0.3970)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(89.3920, -21.5950,
0.3970)**

Conversions

Conversions Part 1

Format	Color
Hex	455F72
RGB	69, 95, 114
RGB Percent	27%, 37%, 45%
CMY	0.7295, 0.6274, 0.5530
CMYK	0.39, 0.17, 0.00, 0.55
HSL	205°, 25%, 36%
HSV	205°, 39%, 45%
XYZ	9.5823, 10.6655, 17.4655
YIQ	89.3920, -21.5950, 0.3970

Conversions

Conversions Part 2

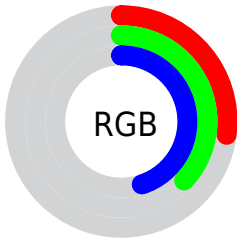
Format	Color
R_{YB}	69, 85, 114
Decimal	4546418
CIE _{Lab}	39.01, -4.41, -13.82
CIE _{LCh}	39, 14.507, 252.313
Yxy	10.6655, 0.2541, 0.2828
Android (android.graphics.Color)	4282736498 (0xFF455F72)
YUV	89.3920, 12.1317, -17.8838
Hunter-Lab	32.6580, -4.7770, -8.8477

Details

The YIQ color **89.3920, -21.5950, 0.3970** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **93.6080, 21.5950, -0.3970**, and the grayscale version is **89.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **139.6200, -22.2370, 1.0190**, and **42.5660, -22.1450, -0.6490** is the 20% darker color. If you saturate the color by 10%, you get **83.1680, -26.7760, 0.6800**, and if you desaturate by 10%, it is **95.6160, -16.4140, 0.1140**.

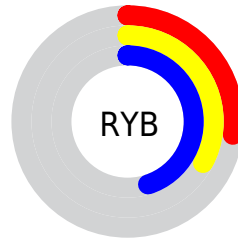
Distribution



Red (27%)

Green (37%)

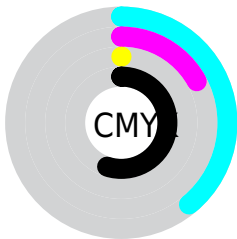
Blue (45%)



Red (27%)

Yellow (33%)

Blue (45%)

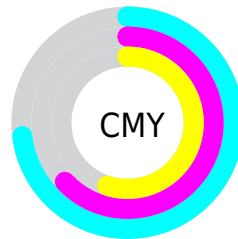


Cyan (39%)

Magenta (17%)

Yellow (0%)

Black (55%)



Cyan (73%)

Magenta (63%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 89.3920, -21.5950, 0.3970 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 89.3920, -21.5950, 0.3970 by changing the saturation by 10% instead.

■ 89.3920, -21.5950,
0.3970

■ 89.3920, -21.5950,
0.3970

■ 255.0000, -0.0000,
-0.0000

■ 65.2780, -21.2740,
0.0860

■ 139.6200,
-22.2370, 1.0190

■ 42.5660, -22.1450,
-0.6490

■ 166.3210,
-22.8330, 0.8070

■ 21.4520, -21.8240,
-0.9600

■ 193.4350,
-23.1540, 1.1180

■ 3.3230, -7.9790,
6.9410

■ 221.4350,
-23.1540, 1.1180

■ 0.0000, 0.0000,
0.0000

■ 246.9270,
-16.0920, -5.7240

■ 89.3920, -21.5950,
0.3970

■ 89.3920, -21.5950,
0.3970

■ 83.1680, -26.7760,
0.6800

■ 95.6160, -16.4140,
0.1140

■ 76.6450, -32.5530,
0.7510

■ 102.1390,
-10.6370, 0.0430

■ 71.0080, -38.0090,
0.5110

■ 107.7760, -5.1810,
0.2830

■ 64.4850, -43.7860,
0.5820

■ 114.2990, 0.5960,
0.2120

■ 58.2610, -48.9670,
0.8650

■ 120.5230, 5.7770,
-0.0710

■ 52.0370, -54.1480,
1.1480

■ 126.7470, 10.9580,
-0.3540

■ 51.7380, -54.7440,
0.9360

■ 133.2700, 16.7350,
-0.4250

■ 138.9070, 22.1910,

-0.1850

■ 145.4300, 27.9680,
-0.2560

Harmonies

Analogous

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



87.3650, -26.1330, -5.4690



89.3920, -21.5950, 0.3970



91.6430, -11.8760, 5.9800

Triad

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



89.3920, -21.5950, 0.3970



93.3230, 18.3840, 8.2400



89.3060, -1.2820, -9.8100

Complementary

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



89.3920, -21.5950, 0.3970



93.6080, 21.5950, -0.3970

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.



91.1610, 9.4920, -6.8280



89.3920, -21.5950, 0.3970



92.7590, 19.8520, 3.6600

Square

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



89.3920, -21.5950, 0.3970



93.7830, 11.2770, 10.3890



92.2160, 16.8270, -2.0930



87.7330, -12.7900, -10.5020

Rectangle

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



89.3920, -21.5950, 0.3970



93.4160, -3.8070, 8.4250



92.2160, 16.8270, -2.0930



89.9860, 2.6150, -8.8490

Sweetspot

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



89.3920, -21.5950, 0.3970



137.9220, -8.5280, 0.3680



97.5810, -18.4740, -17.6260



68.6620, -4.8600, -0.0280



201.0000, -0.0000, 0.0000



74.0000, -0.0000, 0.0000

Same Dimension

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



89.3920, -21.5950, 0.3970



110.0470, -33.7450, 0.3270



76.4780, -15.5450, 11.9030



53.0320, -3.0260, -0.2260



54.1830, -57.4950, 1.2330



112.0990, -118.6120, 2.0280

Inverse Universe

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



85.4190, 18.4740, 17.6260



103.6040, 28.5590, 27.5910



106.5220, 15.5450, -11.9030



52.2500, 2.2920, 2.5160



43.7460, 49.3710, 46.8990



90.1550, 101.3090, 96.8370

Previews

White Background



This preview shows how the YIQ color 89.3920, -21.5950, 0.3970 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 89.3920, -21.5950, 0.3970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

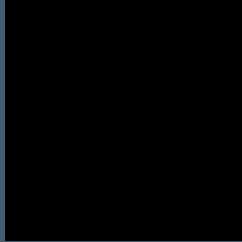
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

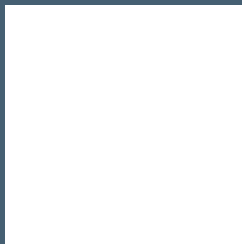
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 89.3920, -21.5950, 0.3970

Background



This preview shows how black text looks on a background with the YIQ color 89.3920, -21.5950, 0.3970.



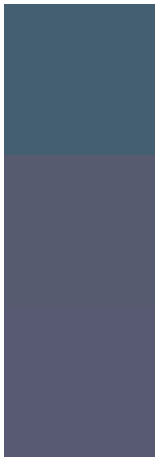
This preview shows how white text looks on a background with the YIQ color 89.3920, -21.5950,

0.3970.

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

89.3920, -21.5950, 0.3970

Protanopia

92.0840, -8.8040, 5.3720

Deuteranopia

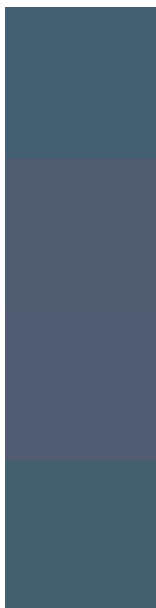
92.2520, -9.2170, 7.3510



Tritanopia

88.5290, -20.7230, -4.3950

Trichromacy



Original Color

89.3920, -21.5950, 0.3970

Protanomaly

90.6920, -13.5720, 3.6760

Deuteranomaly

91.3330, -13.9390, 4.8210

Tritanomaly

88.6970, -21.1360, -2.4160

Monochromacy



Original Color

89.3920, -21.5950, 0.3970

Achromatopsia

89.0000, -0.0000, -0.0000

Achromatomaly

89.1070, -7.6110, 0.2690

CSS Examples

Text

The CSS property to change the color of the text to YIQ 89.3920, -21.5950, 0.3970 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(69, 95, 114)` looks like.

```
.text, #text, p{  
    color:rgb(69, 95, 114)  
}
```

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(69, 95, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 95, 114) }
```

Border

The CSS property to change the border of an element to YIQ 89.3920, -21.5950, 0.3970 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(69, 95, 114) }
```


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

```
.border{ border-color:rgb(69, 95, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 95, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 95, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 95, 114);  
box-shadow:4px 4px 4px 4px rgb(69, 95,  
114) }
```

Background

The CSS property to change the background color of an element to YIQ 89.3920, -21.5950, 0.3970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 95, 114) }
```

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

```
.background{ background-color: rgb(69, 95,  
114) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor