

Converting Colors

YIQ(79.3850, -2.5220, 1.6540)

Have a look what the booklet for
YIQ(79.3850, -2.5220, 1.6540)
contains.

YIQ(79.3850, -2.5220, 1.6540)	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(79.3850, -2.5220,
1.6540)**

Conversions

Conversions Part 1

Format	Color
Hex	4E4F55
RGB	78, 79, 85
RGB Percent	31%, 31%, 33%
CMY	0.6941, 0.6902, 0.6667
CMYK	0.08, 0.07, 0.00, 0.67
HSL	231°, 4%, 32%
HSV	231°, 8%, 33%
XYZ	7.5775, 7.8676, 9.7128
YIQ	79.3850, -2.5220, 1.6540

Conversions

Conversions Part 2

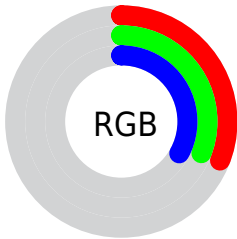
Format	Color
RYB	78, 79, 85
Decimal	5132117
CIELab	33.71, 0.95, -3.66
CIElCh	34, 3.784, 284.491
Yxy	7.8676, 0.3012, 0.3127
Android (android.graphics.Color)	4283322197 (0xFF4E4F55)
YUV	79.3850, 2.7682, -1.2146
Hunter-Lab	28.0492, -0.8644, -0.8963

Details

The YIQ color **79.3850, -2.5220, 1.6540** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **83.6150, 2.5220, -1.6540**, and the grayscale version is **79.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **128.4990, -2.8430, 1.9650**, and **35.2710, -2.2010, 1.3430** is the 20% darker color. If you saturate the color by 10%, you get **72.8840, -5.3650, 3.6190**, and if you desaturate by 10%, it is **86.1850, 0.9170, -0.0990**.

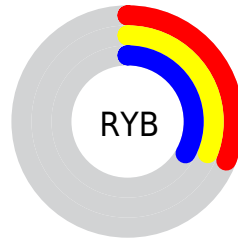
Distribution



Red (31%)

Green (31%)

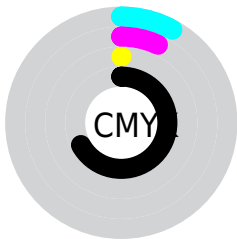
Blue (33%)



Red (31%)

Yellow (31%)

Blue (33%)

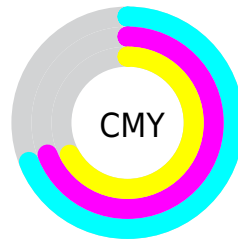


Cyan (8%)

Magenta (7%)

Yellow (0%)

Black (67%)



Cyan (69%)

Magenta (69%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 79.3850, -2.5220, 1.6540 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 79.3850, -2.5220, 1.6540 by changing the saturation by 10% instead.

■ 79.3850, -2.5220,
1.6540

■ 79.3850, -2.5220,
1.6540

■ 255.0000, -0.0000,
-0.0000

■ 56.3850, -2.5220,
1.6540

■ 128.4990, -2.8430,
1.9650

■ 35.2710, -2.2010,
1.3430

■ 154.4990, -2.8430,
1.9650

■ 13.4990, -2.8430,
1.9650

■ 181.4990, -2.8430,
1.9650

■ 0.0000, 0.0000,
0.0000

■ 208.4990, -2.8430,
1.9650

■ 237.2000, -3.4390,
1.7530

■ 79.3850, -2.5220,
1.6540

■ 79.3850, -2.5220,
1.6540

■ 72.8840, -5.3650,
3.6190

■ 86.1850, 0.9170,
-0.0990

■ 65.4970, -8.5290,
5.8950

■ 93.2730, 3.4850,
-2.5870

■ 58.9960, -11.3720,
7.8600

■ 100.0730, 6.9240,
-4.3400

■ 52.1960, -14.8110,
9.6130

■ 106.5740, 9.7670,
-6.3050

■ 45.6950, -17.6540,
11.5780

■ 113.0750, 12.6100,
-8.2700

■ 38.3080, -20.8180,
13.8540

■ 120.4620, 15.7740,
-10.5460

■ 31.8070, -23.6610,
15.8190

■ 126.9630, 18.6170,
-12.5110

■ 25.0070, -27.1000,

■ 133.7630, 22.0560,

17.5720

-14.2640

■ 17.9190, -29.6680,
20.0600

■ 140.8510, 24.6240,
-16.7520

Harmonies

Analogous

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



79.0750, -4.5850, 0.4950



79.3850, -2.5220, 1.6540



79.8800, 0.4580, 2.7140

Triad

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



79.3850, -2.5220, 1.6540



79.7510, 5.1350, 0.5510



78.5650, -3.2090, -2.4170

Complementary

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



79.3850, -2.5220, 1.6540



83.6150, 2.5220, -1.6540

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.



78.5330, -0.1830, -2.1910



79.3850, -2.5220, 1.6540



79.6260, 3.9890, -0.7070

Square

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



79.3850, -2.5220, 1.6540



79.8050, 5.0430, 2.2190



79.2020, 2.2470, -2.1770



78.3090, -5.3640, -1.9080

Rectangle

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



79.3850, -2.5220, 1.6540



80.2500, 2.2920, 2.5160



79.2020, 2.2470, -2.1770



78.7500, -2.2920, -2.5160

Sweetspot

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



79.3850, -2.5220, 1.6540



107.9290, -1.2380, 0.4100



82.7930, -3.8510, -1.7950



55.1140, -0.3210, 0.3110



184.0000, 0.0000, -0.0000



56.0000, -0.0000, 0.0000

Same Dimension

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



79.3850, -2.5220, 1.6540



100.8410, -3.8060, 2.8980



79.3960, -1.0550, 2.6010



40.0430, -1.5590, 0.7210



21.0030, -38.4720, 25.4320



46.7480, -84.7850, 55.3030

Inverse Universe

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



80.2070, 3.8510, 1.7950



102.4030, 6.2350, 2.6430



83.6040, 1.0550, -2.6010



40.3100, 2.0630, 1.1590



33.7030, 58.9570, 27.3490



74.1410, 129.1460, 60.3940

Previews

White Background



This preview shows how the YIQ color 79.3850, -2.5220, 1.6540 looks on a white background.

Color Contrast Check

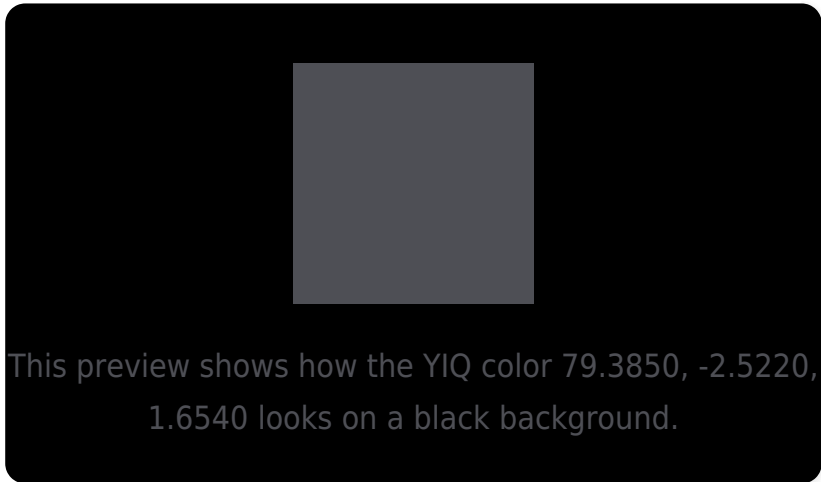
Large Text (above 18pt) WCAG AA ✓ Pass

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

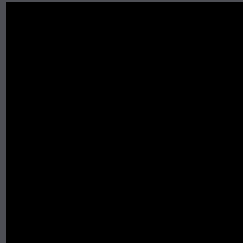
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

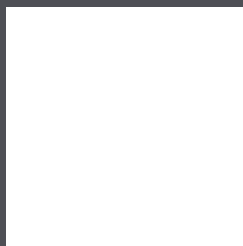
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 79.3850, -2.5220, 1.6540

Background



This preview shows how black text looks on a background with the YIQ color 79.3850, -2.5220, 1.6540.



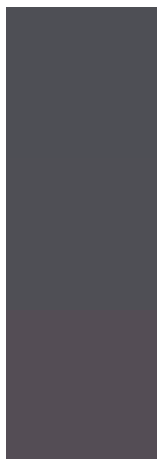
This preview shows how white text looks on a background with the YIQ color 79.3850, -2.5220,

1.6540.

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

79.3850, -2.5220, 1.6540

Protanopia

79.6840, -1.9260, 1.8660

Deuteranopia

80.0050, 1.6040, 3.9720



Tritanopia

79.3850, -2.5220, 1.6540

Trichromacy



Original Color

79.3850, -2.5220, 1.6540

Protanomaly

79.6840, -1.9260, 1.8660

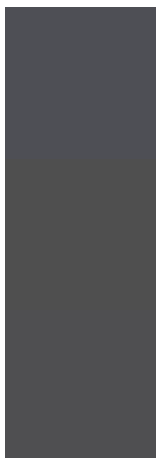
Deuteranomaly

79.9940, 0.1370, 3.0250

Tritanomaly

79.3850, -2.5220, 1.6540

Monochromacy



Original Color

79.3850, -2.5220, 1.6540

Achromatopsia

79.0000, -0.0000, 0.0000

Achromatomaly

79.2280, -0.6420, 0.6220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 79.3850, -2.5220, 1.6540 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(78, 79, 85)` looks like.

```
.text, #text, p{  
    color:rgb(78, 79, 85)  
}
```

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(78, 79, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 79, 85) }
```

Border

The CSS property to change the border of an element to YIQ 79.3850, -2.5220, 1.6540 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(78, 79, 85) }
```


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

```
.border{ border-color:rgb(78, 79, 85) }
```

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

Here you see how a box with a 4 pixel rgb(78, 79, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 79, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 79, 85);  
box-shadow:4px 4px 4px 4px rgb(78, 79, 85)  
}
```

Background

The CSS property to change the background color of an element to YIQ 79.3850, -2.5220, 1.6540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 79, 85) }
```

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

```
.background{ background-color: rgb(78, 79,  
85) }
```

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