

Converting Colors

YIQ(133.8520, -10.3660,
22.6740)

Have a look what the booklet for
YIQ(133.8520, -10.3660, 22.6740)
contains.

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Color

**YIQ(133.8520, -10.3660,
22.6740)**

Conversions

Conversions Part 1

Format	Color
Hex	8A7AB8
RGB	138, 122, 184
RGB Percent	54%, 48%, 72%
CMY	0.4587, 0.5216, 0.2785
CMYK	0.25, 0.34, 0.00, 0.28
HSL	256°, 30%, 60%
HSV	256°, 34%, 72%
XYZ	26.0925, 22.7821, 48.3571
YIQ	133.8520, -10.3660, 22.6740

Conversions

Conversions Part 2

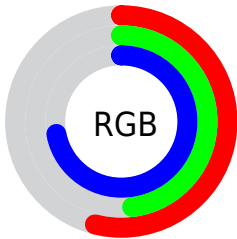
Format	Color
R _Y B	138, 122, 184
Decimal	9075384
CIE Lab	54.85, 19.58, -30.44
CIE LCh	55, 36.196, 302.754
Yxy	22.7821, 0.2684, 0.2343
Android (android.graphics.Color)	4287265464 (0xFF8A7AB8)
YUV	133.8520, 24.7230, 3.6378
Hunter-Lab	47.7306, 14.0506, -26.6567

Details

The YIQ color $133.8520, -10.3660, 22.6740$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $172.1480, 10.3660, -22.6740$, and the grayscale version is $134.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $186.9060, -10.4580, 24.3420$, and $83.4990, -10.8700, 20.7940$ is the 20% darker color. If you saturate the color by 10%, you get $119.1000, -13.7600, 29.1200$, and if you desaturate by 10%, it is $148.6040, -6.9720, 16.2280$.

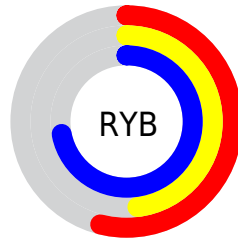
Distribution



Red (54%)

Green (48%)

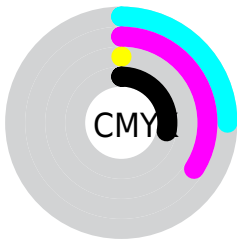
Blue (72%)



Red (54%)

Yellow (48%)

Blue (72%)

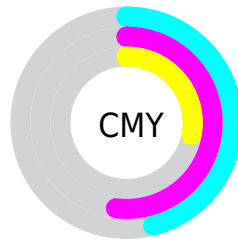


Cyan (25%)

Magenta (34%)

Yellow (0%)

Black (28%)



Cyan (46%)

Magenta (52%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 133.8520, -10.3660, 22.6740 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 133.8520, -10.3660, 22.6740 by changing the saturation by 10% instead.

■ 133.8520,
-10.3660, 22.6740

■ 133.8520,
-10.3660, 22.6740

■ 255.0000, -0.0000,
-0.0000

■ 108.3250,
-10.3200, 21.8400

■ 186.9060,
-10.4580, 24.3420

■ 83.4990, -10.8700,
20.7940

■ 213.7230, -5.6890,
20.5110

■ 60.4450, -10.7780,
19.1260

■ 238.8300, 3.8950,
12.0150

■ 37.3200, -11.9240,
17.8680

■ 14.4940, -12.4740,
16.8220

■ 5.1640, -11.7850,
9.8390

■ 1.2540, -3.5310,

3.4210

■ 0.0000, 0.0000,
0.0000

■ 133.8520,
-10.3660, 22.6740

■ 133.8520,
-10.3660, 22.6740

■ 119.1000,
-13.7600, 29.1200

■ 148.6040, -6.9720,
16.2280

■ 104.0600,
-16.2830, 36.3010

■ 163.6440, -4.4490,
9.0470

■ 89.3080, -19.6770,
42.7470

■ 178.3960, -1.0550,
2.6010

■ 73.9690, -22.7960,
49.7160

■ 193.7350, 2.0640,
-4.3680

■ 59.5160, -25.5940,
56.3740

■ 208.1880, 4.8620,
-11.0260

■ 44.7640, -28.9880,
62.8200

■ 222.9400, 8.2560,
-17.4720

■ 35.3280, -30.4560,
67.4000

■ 238.2790, 11.3750,
-24.4410

■ 244.5140, 18.0230,
-23.7770

■ 246.9060, 22.7910,
-22.0810

Harmonies

Analogous

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



126.2000, -46.9970, 9.2190



133.8520, -10.3660, 22.6740



135.1240, 21.2230, 28.3830

Triad

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



133.8520, -10.3660, 22.6740



130.5430, 46.5830, -1.7130



103.5330, -80.4130, -34.9810

Complementary

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



133.8520, -10.3660, 22.6740



172.1480, 10.3660, -22.6740

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.



119.3530, -27.0000, -28.3120



133.8520, -10.3660, 22.6740



128.2000, 30.9510, -15.7770

Square

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



133.8520, -10.3660, 22.6740



132.3670, 50.6150, 13.3270



124.7560, 5.5980, -24.3700



104.9850, -93.0690, -25.8770

Rectangle

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



133.8520, -10.3660, 22.6740



134.3830, 36.4910, 27.0110



124.7560, 5.5980, -24.3700



112.1570, -55.7470, -30.4590

Sweetspot

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



133.8520, -10.3660, 22.6740



220.5300, -4.1280, 8.7360



156.0700, -32.5520, -4.7760



107.9060, -2.4310, 5.5130



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



133.8520, -10.3660, 22.6740



162.4190, -15.9160, 35.1560



142.8220, 7.5140, 29.0340



84.6240, -1.6970, 3.2230



29.7440, -26.2360, 56.9960



5.2850, -4.8160, 10.1920

Inverse Universe

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



145.7820, 22.1860, 27.4500



180.7980, 34.4250, 42.4330



162.8790, -8.1100, -29.2460



86.3750, 3.4380, 3.7740



59.7540, 56.0610, 68.8370



10.7660, 9.9470, 12.4670

Previews

White Background



This preview shows how the YIQ color 133.8520, -10.3660, 22.6740 looks on a white background.

Color Contrast Check

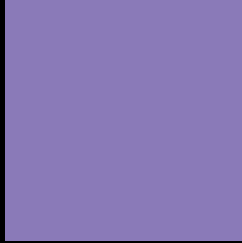
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 133.8520, -10.3660, 22.6740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

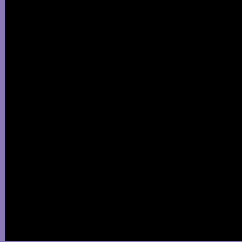
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 133.8520, -10.3660, 22.6740

Background



This preview shows how black text looks on a background with the YIQ color 133.8520, -10.3660, 22.6740.



This preview shows how white text looks on a background with the YIQ color 133.8520, -10.3660,

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

133.8520, -10.3660, 22.6740

Protanopia

130.8710, -29.7130, 15.3670

Deuteranopia

131.1440, -26.2280, 12.7800



Tritanopia

131.8410, -3.8060, 2.8980

Trichromacy



Original Color

133.8520, -10.3660, 22.6740

Protanomaly

131.5730, -22.8820, 18.2220

Deuteranomaly

132.1880, -20.3600, 16.5680

Tritanomaly

132.8010, -6.3290, 10.0790

Monochromacy



Original Color

133.8520, -10.3660, 22.6740

Achromatopsia

134.0000, -0.0000, -0.0000

Achromatomaly

134.0030, -4.0820, 7.9020

CSS Examples

Text

The CSS property to change the color of the text to YIQ 133.8520, -10.3660, 22.6740 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(138, 122, 184)` looks like.

```
.text, #text, p{  
    color:rgb(138, 122, 184)  
}
```

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(138, 122, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 122, 184) }
```

Border

The CSS property to change the border of an element to YIQ 133.8520, -10.3660, 22.6740 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(138, 122, 184) }
```


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

```
.border{ border-color:rgb(138, 122, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 122, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 122, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 122, 184);  
box-shadow:4px 4px 4px 4px rgb(138, 122,  
184) }
```

Background

The CSS property to change the background color of an element to YIQ 133.8520, -10.3660, 22.6740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 122, 184) }
```

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

```
.background{ background-color: rgb(138,  
122, 184) }
```

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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