

Converting Colors

YIQ(33.3500, 5.7270, 22.8710)

Have a look what the booklet for
YIQ(33.3500, 5.7270, 22.8710)
contains.

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Color

**YIQ(33.3500, 5.7270,
22.8710)**

Conversions

Conversions Part 1

Format	Color
Hex	351142
RGB	53, 17, 66
RGB Percent	21%, 7%, 26%
CMY	0.7920, 0.9334, 0.7412
CMYK	0.20, 0.74, 0.00, 0.74
HSL	284°, 59%, 16%
HSV	284°, 74%, 26%
XYZ	2.6532, 1.5514, 5.3133
YIQ	33.3500, 5.7270, 22.8710

Conversions

Conversions Part 2

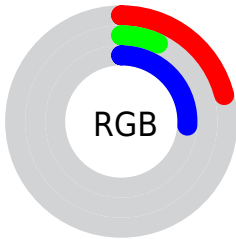
Format	Color
RYB	53, 17, 66
Decimal	3477826
CIELab	12.93, 26.97, -23.20
CIELCh	13, 35.579, 319.294
Yxy	1.5514, 0.2788, 0.1630
Android (android.graphics.Color)	4281667906 (0xFF351142)
YUV	33.3500, 16.0965, 17.2330
Hunter-Lab	12.4556, 16.2258, -16.5728

Details

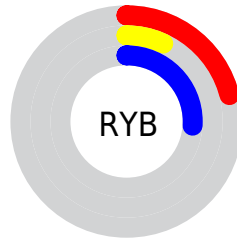
The YIQ color **33.3500, 5.7270, 22.8710** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **49.6500, -5.7270, -22.8710**, and the grayscale version is **33.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **79.8880, 7.1480, 24.6520**, and **3.0950, -7.3370, 6.3190** is the 20% darker color. If you saturate the color by 10%, you get **28.6430, 6.4600, 26.1080**, and if you desaturate by 10%, it is **38.0570, 4.9940, 19.6340**.

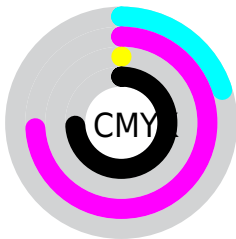
Distribution



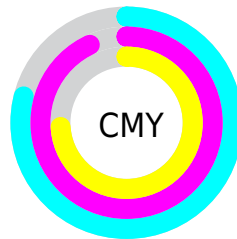
- Red (21%)
- Green (7%)
- Blue (26%)



- Red (21%)
- Yellow (7%)
- Blue (26%)



- Cyan (20%)
- Magenta (74%)
- Yellow (0%)
- Black (74%)



- Cyan (79%)
- Magenta (93%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 33.3500, 5.7270, 22.8710 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 33.3500, 5.7270, 22.8710 by changing the saturation by 10% instead.

■ 33.3500, 5.7270,
22.8710

■ 33.3500, 5.7270,
22.8710

■ 250.3040, 2.2000,
4.1840

■ 14.5840, 4.9480,
20.4680

■ 79.8880, 7.1480,
24.6520

■ 3.0950, -7.3370,
6.3190

■ 104.4150, 7.1020,
25.4860

■ 0.0000, 0.0000,
0.0000


■ 130.2410, 7.6520,
26.5320

■ 156.6540, 7.9270,
27.0550

■ 183.4800, 8.4770,
28.1010

■ 211.4800, 8.4770,

28.1010


 233.2810, 10.1750,
19.3510


 33.3500, 5.7270,
22.8710

 33.3500, 5.7270,
22.8710

 28.6430, 6.4600,
26.1080


 38.0570, 4.9940,
19.6340


 24.8220, 7.5140,
29.0340

 42.1770, 4.5360,
16.9200

 22.1750, 8.0180,
30.9140

 46.5850, 3.2070,
13.4710

 50.7050, 2.7490,
10.7570

 55.4120, 2.0160,
7.5200

■ 60.1190, 1.2830,
4.2830

■ 63.9400, 0.2290,
1.3570

■ 68.6470, -0.5040,
-1.8800

■ 72.7670, -0.9620,
-4.5940

Harmonies

Analogous

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



27.4310, -34.5260, 8.9780



33.3500, 5.7270, 22.8710



26.4300, 29.1090, 28.6370

Triad

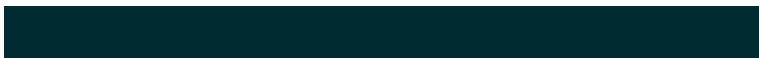
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



33.3500, 5.7270, 22.8710



31.9730, 21.8250, -4.5670



31.4140, -27.8290, -7.7730

Complementary

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



33.3500, 5.7270, 22.8710



49.6500, -5.7270, -22.8710

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.



27.8630, -19.2080, -15.3360



33.3500, 5.7270, 22.8710



30.0910, 6.5130, -13.4150

Square

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



33.3500, 5.7270, 22.8710



29.4250, 35.5320, 5.8360



24.0670, -11.2750, -21.4430



33.3350, -34.6160, -0.4080

Rectangle

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



33.3500, 5.7270, 22.8710



25.5030, 36.0330, 24.2970



24.0670, -11.2750, -21.4430



30.5020, -25.2610, -10.2610

Sweetspot

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



33.3500, 5.7270, 22.8710



74.3520, 2.2450, 8.8770



30.2170, -19.3040, 8.4400



35.6460, 1.2370, 5.1170



171.0000, -0.0000, -0.0000



43.0000, -0.0000, -0.0000

Same Dimension

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



33.3500, 5.7270, 22.8710



35.5220, 8.6590, 35.8190



35.9830, 17.0060, 22.2060



30.9400, 0.2290, 1.3570



32.2870, 11.1790, 45.2190



74.8710, 26.4360, 104.6440

Inverse Universe

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



33.1330, 25.0310, 14.4310



35.3030, 39.4720, 22.5440



47.0170, -17.0060, -22.2060



31.0110, 1.4670, 0.9470



31.9670, 49.4660, 28.6500



73.7020, 114.5650, 65.8370

Previews

White Background



This preview shows how the YIQ color 33.3500, 5.7270, 22.8710 looks on a white background.

Color Contrast Check

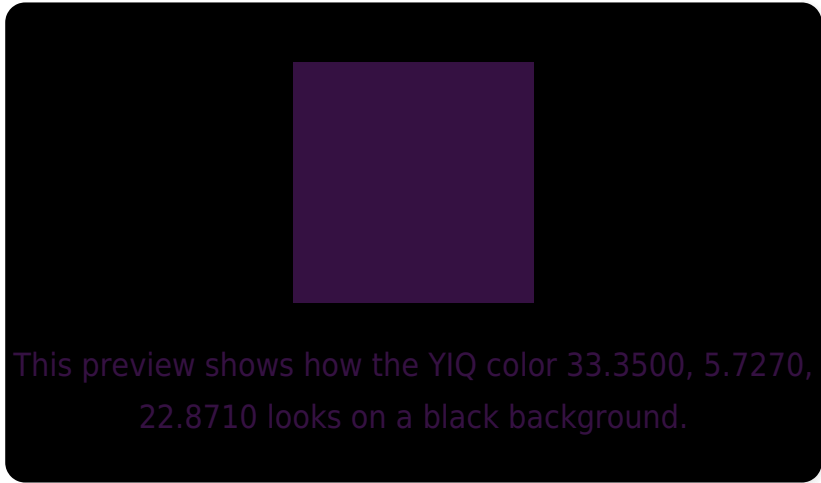
Large Text (above 18pt) WCAG AA ✓ Pass

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

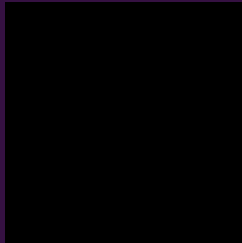
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 33.3500, 5.7270, 22.8710

Background



This preview shows how black text looks on a background with the YIQ color 33.3500, 5.7270, 22.8710.



This preview shows how white text looks on a background with the YIQ color 33.3500, 5.7270,

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

33.3500, 5.7270, 22.8710

Protanopia

28.0520, -32.1410, 4.2990

Deuteranopia

28.9230, -27.4640, 2.1360



Tritanopia

35.0230, 10.3610, 4.9610

Trichromacy



Original Color

33.3500, 5.7270, 22.8710

Protanomaly

29.9830, -18.5250, 10.8430

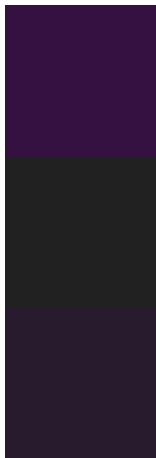
Deuteranomaly

30.3100, -15.1320, 9.9240

Tritanomaly

34.6410, 8.8010, 11.2090

Monochromacy



Original Color

33.3500, 5.7270, 22.8710

Achromatopsia

33.0000, -0.0000, -0.0000

Achromatomaly

32.9390, 1.9700, 8.3540

CSS Examples

Text

The CSS property to change the color of the text to YIQ 33.3500, 5.7270, 22.8710 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(53, 17, 66)` looks like.

```
.text, #text, p{  
    color:rgb(53, 17, 66)  
}
```

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(53, 17, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 17, 66) }
```

Border

The CSS property to change the border of an element to YIQ 33.3500, 5.7270, 22.8710 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(53, 17, 66) }
```


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

```
.border{ border-color:rgb(53, 17, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 17, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 17, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 17, 66);  
box-shadow:4px 4px 4px 4px rgb(53, 17, 66)  
}
```

Background

The CSS property to change the background color of an element to YIQ 33.3500, 5.7270, 22.8710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 17, 66) }
```

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

```
.background{ background-color: rgb(53, 17,  
66) }
```

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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