

Converting Colors

YIQ(53.2490, -30.3570, 27.0430)

Have a look what the booklet for
YIQ(53.2490, -30.3570, 27.0430)
contains.

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Color

**YIQ(53.2490, -30.3570,
27.0430)**

Conversions

Conversions Part 1

Format	Color
Hex	292C85
RGB	41, 44, 133
RGB Percent	16%, 17%, 52%
CMY	0.8391, 0.8274, 0.4786
CMYK	0.69, 0.67, 0.00, 0.48
HSL	238°, 53%, 34%
HSV	238°, 69%, 52%
XYZ	6.0460, 3.9653, 22.6195
YIQ	53.2490, -30.3570, 27.0430

Conversions

Conversions Part 2

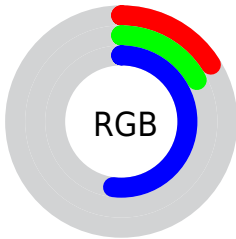
Format	Color
R _Y B	41, 44, 133
Decimal	2698373
CIE Lab	23.56, 29.09, -50.25
CIE LCh	24, 58.064, 300.069
Yxy	3.9653, 0.1853, 0.1215
Android (android.graphics.Color)	4280888453 (0xFF292C85)
YUV	53.2490, 39.3172, -10.7424
Hunter-Lab	19.9130, 19.3485, -53.4095

Details

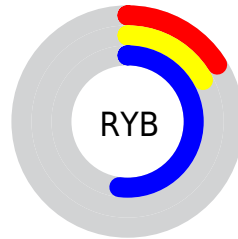
The YIQ color **53.2490, -30.3570, 27.0430** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **120.7510, 30.3570, -27.0430**, and the grayscale version is **53.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **103.7490, -25.7730, 32.0750**, and **9.3480, -26.3220, 25.5020** is the 20% darker color. If you saturate the color by 10%, you get **41.7310, -34.5300, 31.0860**, and if you desaturate by 10%, it is **64.7670, -26.1840, 23.0000**.

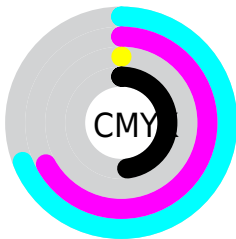
Distribution



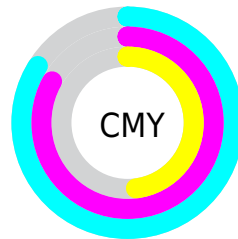
- Red (16%)
- Green (17%)
- Blue (52%)



- Red (16%)
- Yellow (17%)
- Blue (52%)



- Cyan (69%)
- Magenta (67%)
- Yellow (0%)
- Black (48%)



- Cyan (84%)
- Magenta (83%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 53.2490, -30.3570, 27.0430 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 53.2490, -30.3570, 27.0430 by changing the saturation by 10% instead.

■ 53.2490, -30.3570,
27.0430

■ 53.2490, -30.3570,
27.0430

■ 255.0000, -0.0000,
-0.0000

■ 25.6990, -40.6720,
21.2480

■ 103.7490,
-25.7730, 32.0750

■ 9.3480, -26.3220,
25.5020

■ 129.9880,
-24.9480, 33.6440

■ 9.5470, -19.9930,
15.4230

■ 156.3410,
-24.4440, 35.5240

■ 5.2780, -12.1060,
10.1500

■ 181.8160,
-18.7120, 30.7600

■ 1.2540, -3.5310,
3.4210

■ 206.3360, -8.8530,
22.7870

■ 0.0000, 0.0000,
0.0000

■ 231.4430, 0.7310,

14.2910

252.0650, 1.3750,
2.6150

53.2490, -30.3570,
27.0430

53.2490, -30.3570,
27.0430

41.7310, -34.5300,
31.0860

64.7670, -26.1840,
23.0000

29.9140, -39.2990,
34.9170

76.5840, -21.4150,
19.1690

18.3960, -43.4720,
38.9600

88.1020, -17.2420,
15.1260

17.5100, -43.7930,
39.2710

99.0330, -12.7940,
11.6060

110.5510, -8.6210,
7.5630

■ 122.3680, -3.8520,
3.7320

■ 133.8860, 0.3210,
-0.3110

■ 145.4040, 4.4940,
-4.3540

■ 157.2210, 9.2630,
-8.1850

Harmonies

Analogous

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



53.5110, -63.8700, 12.1460



53.2490, -30.3570, 27.0430



43.3820, 30.2050, 52.8370

Triad

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



53.2490, -30.3570, 27.0430



50.7550, 52.0380, 4.0540



48.5340, -37.4550, -20.5510

Complementary

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



53.2490, -30.3570, 27.0430



120.7510, 30.3570, -27.0430

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.



41.5460, -20.5340, -35.3660



53.2490, -30.3570, 27.0430



53.2150, 26.5950, -13.9250

Square

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



53.2490, -30.3570, 27.0430



38.9000, 68.7680, 31.2640



45.0320, -4.1670, -29.1190



54.1370, -51.8540, -7.3900

Rectangle

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



53.2490, -30.3570, 27.0430



45.0990, 49.8750, 48.7790



45.0320, -4.1670, -29.1190



46.8240, -32.6400, -25.2160

Sweetspot

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



53.2490, -30.3570, 27.0430



141.6910, -11.8310, 10.6730



105.1500, -53.8690, -20.4370



68.0950, -7.3370, 6.3190



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

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



53.2490, -30.3570, 27.0430



48.3510, -47.5990, 42.1690



64.3450, -3.9040, 37.7280



60.6840, -1.9260, 1.8660



17.1680, -42.8300, 38.3380



0.3420, -0.9630, 0.9330

Inverse Universe

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



68.8500, 53.8690, 20.4370



72.6260, 84.2190, 32.0830



109.6550, 3.9040, -37.7280



61.7940, 3.5760, 1.2720



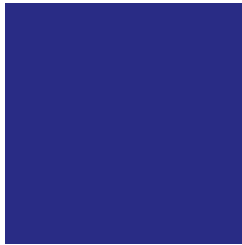
39.3260, 76.1960, 28.8040



0.8970, 1.7880, 0.6360

Previews

White Background



This preview shows how the YIQ color 53.2490, -30.3570, 27.0430 looks on a white background.

Color Contrast Check

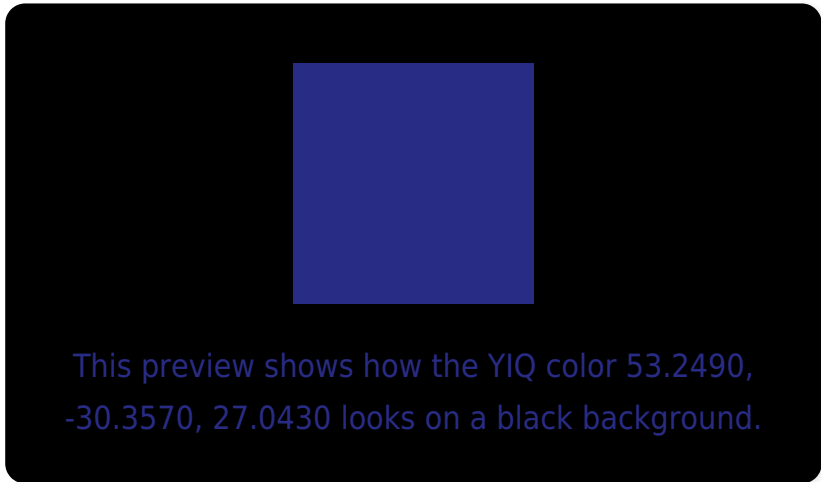
Large Text (above 18pt) WCAG AA ✓ Pass

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

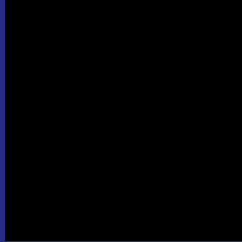
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 53.2490, -30.3570, 27.0430

Background



This preview shows how black text looks on a background with the YIQ color 53.2490, -30.3570, 27.0430.



This preview shows how white text looks on a background with the YIQ color 53.2490, -30.3570,

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

53.2490, -30.3570, 27.0430

Protanopia

44.8080, -51.7650, 7.5230

Deuteranopia

45.2180, -47.4080, 0.1440



Tritanopia

44.6190, -38.8320, -12.1120

Trichromacy



Original Color

53.2490, -30.3570, 27.0430

Protanomaly

47.7430, -43.9720, 14.9720

Deuteranomaly

48.2500, -41.2660, 9.9820

Tritanomaly

47.7310, -35.6710, 2.1930

Monochromacy



Original Color

53.2490, -30.3570, 27.0430

Achromatopsia

53.0000, -0.0000, -0.0000

Achromatomaly

53.3490, -10.8680, 9.7400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 53.2490, -30.3570, 27.0430 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(41, 44, 133)` looks like.

```
.text, #text, p{  
    color:rgb(41, 44, 133)  
}
```

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(41, 44, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 44, 133) }
```

Border

The CSS property to change the border of an element to YIQ 53.2490, -30.3570, 27.0430 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(41, 44, 133) }
```


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

```
.border{ border-color:rgb(41, 44, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 44, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 44, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 44, 133);  
box-shadow:4px 4px 4px 4px rgb(41, 44,  
133) }
```

Background

The CSS property to change the background color of an element to YIQ 53.2490, -30.3570, 27.0430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 44, 133) }
```

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

```
.background{ background-color: rgb(41, 44,  
133) }
```

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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