

Converting Colors

YIQ(53.0430, 16.7770, 20.8490)

Have a look what the booklet for
YIQ(53.0430, 16.7770, 20.8490)
contains.

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Color

**YIQ(53.0430, 16.7770,
20.8490)**

Conversions

Conversions Part 1

Format	Color
Hex	522346
RGB	82, 35, 70
RGB Percent	32%, 14%, 27%
CMY	0.6783, 0.8628, 0.7254
CMYK	0.00, 0.57, 0.15, 0.68
HSL	315°, 40%, 23%
HSV	315°, 57%, 32%
XYZ	5.1889, 3.4386, 6.1862
YIQ	53.0430, 16.7770, 20.8490

Conversions

Conversions Part 2

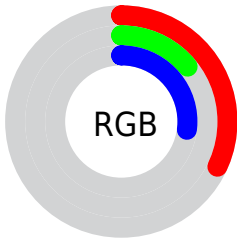
Format	Color
RYB	82, 35, 70
Decimal	5382982
CIELab	21.72, 27.09, -11.85
CIELCh	22, 29.565, 336.370
Yxy	3.4386, 0.3503, 0.2321
Android (android.graphics.Color)	4283573062 (0xFF522346)
YUV	53.0430, 8.3598, 25.3953
Hunter-Lab	18.5435, 17.4975, -6.7992

Details

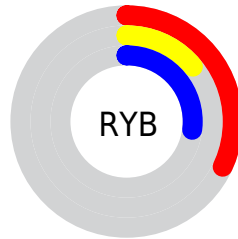
The YIQ color **53.0430, 16.7770, 20.8490** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **63.9570, -16.7770, -20.8490**, and the grayscale version is **53.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **101.3530, 18.8400, 22.0080**, and **14.4400, 13.9810, 16.4530** is the 20% darker color. If you saturate the color by 10%, you get **48.1190, 19.6190, 24.4110**, and if you desaturate by 10%, it is **57.9670, 13.9350, 17.2870**.

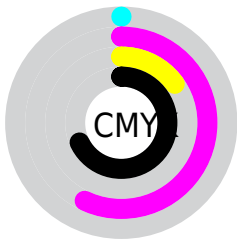
Distribution



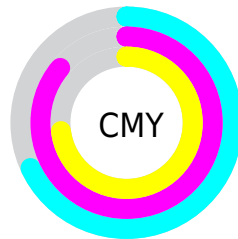
- Red (32%)
- Green (14%)
- Blue (27%)



- Red (32%)
- Yellow (14%)
- Blue (27%)



- Cyan (0%)
- Magenta (57%)
- Yellow (15%)
- Black (68%)



- Cyan (68%)
- Magenta (86%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 53.0430, 16.7770, 20.8490 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 53.0430, 16.7770, 20.8490 by changing the saturation by 10% instead.

■ 53.0430, 16.7770,
20.8490

■ 53.0430, 16.7770,
20.8490

■ 255.0000, -0.0000,
-0.0000

■ 29.8580, 15.8600,
20.9480

■ 101.3530, 18.8400,
22.0080

■ 14.4400, 13.9810,
16.4530

■ 127.0650, 19.7110,
22.7430

■ 0.0000, 0.0000,
0.0000

■ 152.8910, 20.2610,
23.7890

■ 180.1900, 20.8570,
24.0010

■ 207.9020, 21.7280,
24.7360

■ 230.9330, 11.2750,

21.4430

247.3690, 3.5750,
6.7990

53.0430, 16.7770,
20.8490

53.0430, 16.7770,
20.8490

48.1190, 19.6190,
24.4110

57.9670, 13.9350,
17.2870

43.1950, 22.4610,
27.9730

62.8910, 11.0930,
13.7250

37.6840, 25.5780,
32.0580

68.4020, 7.9760,
9.6400

32.7600, 28.4200,
35.6200

73.3260, 5.1340,
6.0780

31.4720, 29.2910,
36.3550

78.2500, 2.2920,
2.5160

■ 83.2880, -0.8710,
-0.7350

■ 88.2120, -3.7130,
-4.2970

■ 93.7230, -6.8300,
-8.3820

■ 98.6470, -9.6720,
-11.9440

Harmonies

Analogous

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



53.3870, -4.8630, 16.5530



53.0430, 16.7770, 20.8490



50.8780, 30.3030, 18.0070

Triad

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



53.0430, 16.7770, 20.8490



48.3930, 20.2220, -14.0660



45.1720, -41.7670, -8.4790

Complementary

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



53.0430, 16.7770, 20.8490



63.9570, -16.7770, -20.8490

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.



42.7780, -35.0260, -15.0100



53.0430, 16.7770, 20.8490



46.4060, 1.0120, -18.3480

Square

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



53.0430, 16.7770, 20.8490



49.9910, 30.5820, -3.5780



39.6830, -27.6890, -21.3290



45.1210, -45.7570, -2.2450

Rectangle

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



53.0430, 16.7770, 20.8490



50.4560, 34.2470, 12.6070



39.6830, -27.6890, -21.3290



44.4880, -39.8410, -10.3450

Sweetspot

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



53.0430, 16.7770, 20.8490



95.8640, 6.5550, 7.8590



43.9460, -7.9350, 17.1610



47.2010, 3.9880, 4.8200



181.0000, -0.0000, 0.0000



54.0000, -0.0000, 0.0000

Same Dimension

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



53.0430, 16.7770, 20.8490



61.3960, 26.4490, 32.7930



50.4210, 24.1600, 13.6960



38.5380, 1.4210, 1.7810



40.2870, 37.5420, 46.5180



89.0900, 82.7390, 102.9870

Inverse Universe

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



53.0430, 16.7770, 20.8490



61.3960, 26.4490, 32.7930



66.5790, -24.1600, -13.6960



38.5380, 1.4210, 1.7810



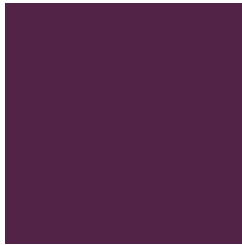
40.2870, 37.5420, 46.5180



89.0900, 82.7390, 102.9870

Previews

White Background



This preview shows how the YIQ color 53.0430, 16.7770, 20.8490 looks on a white background.

Color Contrast Check

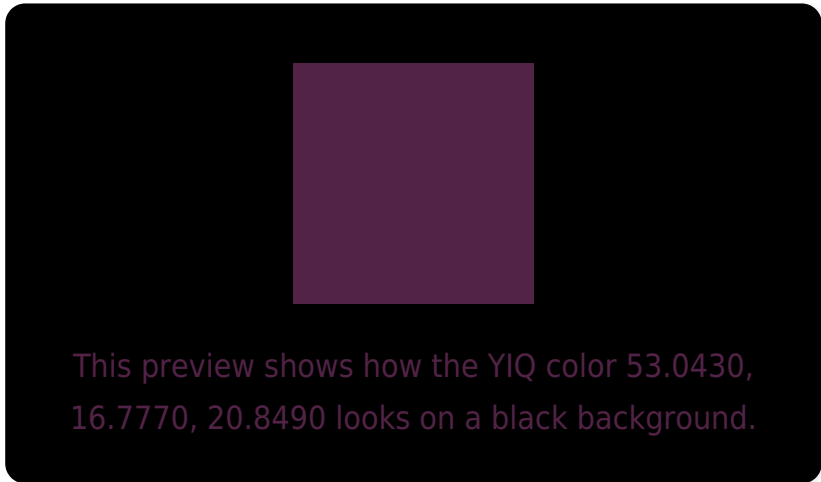
Large Text (above 18pt) WCAG AA ✓ Pass

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

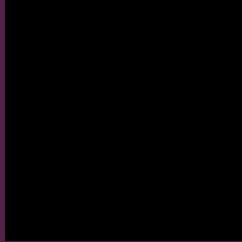
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 53.0430, 16.7770, 20.8490

Background



This preview shows how black text looks on a background with the YIQ color 53.0430, 16.7770, 20.8490.



This preview shows how white text looks on a background with the YIQ color 53.0430, 16.7770,

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

53.0430, 16.7770, 20.8490

Protanopia

52.2450, -16.5070, 7.3090

Deuteranopia

53.4110, -5.4110, 4.4530



Tritanopia

52.7040, 21.6850, 8.9890

Trichromacy



Original Color

53.0430, 16.7770, 20.8490

Protanomaly

52.6380, -4.3120, 12.0720

Deuteranomaly

53.2920, 2.4740, 10.2340

Tritanomaly

52.8550, 19.9420, 13.0460

Monochromacy



Original Color

53.0430, 16.7770, 20.8490

Achromatopsia

53.0000, -0.0000, -0.0000

Achromatomaly

52.8640, 6.5550, 7.8590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 53.0430, 16.7770, 20.8490 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(82, 35, 70)` looks like.

```
.text, #text, p{  
    color:rgb(82, 35, 70)  
}
```

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(82, 35, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 35, 70) }
```

Border

The CSS property to change the border of an element to YIQ 53.0430, 16.7770, 20.8490 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(82, 35, 70) }
```


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

```
.border{ border-color:rgb(82, 35, 70) }
```

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

Here you see how a box with a 4 pixel rgb(82, 35, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 35, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 35, 70);  
box-shadow:4px 4px 4px 4px rgb(82, 35, 70)  
}
```

Background

The CSS property to change the background color of an element to YIQ 53.0430, 16.7770, 20.8490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 35, 70) }
```

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

```
.background{ background-color: rgb(82, 35,  
70) }
```

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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