

Converting Colors

YIQ(76.0050, -6.4230, 22.8010)

Have a look what the booklet for
YIQ(76.0050, -6.4230, 22.8010)
contains.

YIQ(76.0050, -6.4230, 22.8010)	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(76.0050, -6.4230,
22.8010)**

Conversions

Conversions Part 1

Format	Color
Hex	543F7A
RGB	84, 63, 122
RGB Percent	33%, 25%, 48%
CMY	0.6705, 0.7530, 0.5216
CMYK	0.31, 0.48, 0.00, 0.52
HSL	261°, 32%, 36%
HSV	261°, 48%, 48%
XYZ	8.9469, 6.8446, 19.2560
YIQ	76.0050, -6.4230, 22.8010

Conversions

Conversions Part 2

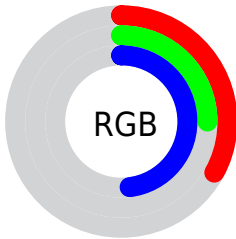
Format	Color
R_{YB}	84, 63, 122
Decimal	5521274
CIE _{Lab}	31.45, 22.92, -30.45
CIE _{LCh}	31, 38.113, 306.968
Yxy	6.8446, 0.2553, 0.1953
Android (android.graphics.Color)	4283711354 (0xFF543F7A)
YUV	76.0050, 22.6755, 7.0116
Hunter-Lab	26.1622, 15.2594, -25.3255

Details

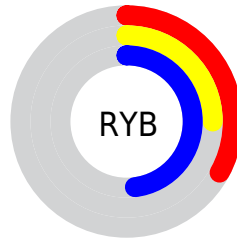
The YIQ color **76.0050, -6.4230, 22.8010** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **108.9950, 6.4230, -22.8010**, and the grayscale version is **76.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **125.4720, -6.2400, 24.9920**, and **30.5270, -8.0730, 19.6630** is the 20% darker color. If you saturate the color by 10%, you get **66.5690, -7.8910, 27.3810**, and if you desaturate by 10%, it is **85.4410, -4.9550, 18.2210**.

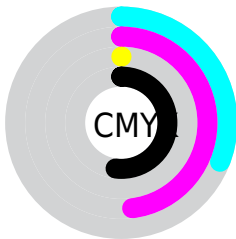
Distribution



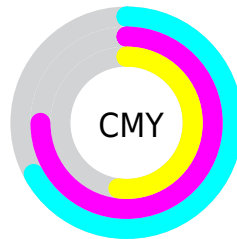
- Red (33%)
- Green (25%)
- Blue (48%)



- Red (33%)
- Yellow (25%)
- Blue (48%)



- Cyan (31%)
- Magenta (48%)
- Yellow (0%)
- Black (52%)



- Cyan (67%)
- Magenta (75%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 76.0050, -6.4230, 22.8010 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 76.0050, -6.4230, 22.8010 by changing the saturation by 10% instead.

■ 76.0050, -6.4230,
22.8010

■ 76.0050, -6.4230,
22.8010

■ 255.0000, -0.0000,
-0.0000

■ 52.7660, -7.2480,
21.2320

■ 125.4720, -6.2400,
24.9920

■ 30.5270, -8.0730,
19.6630

■ 151.8850, -5.9650,
25.5150

■ 10.7830, -5.9180,
19.1540

■ 178.8250, -5.7360,
26.8720

■ 4.3660, -9.5380,
7.6620

■ 205.7820, -4.1770,
26.1510

■ 0.0000, 0.0000,
0.0000

■ 230.8890, 5.4070,
17.6550

■ 250.3040, 2.2000,

4.1840

■ 76.0050, -6.4230,
22.8010

■ 76.0050, -6.4230,
22.8010

■ 66.5690, -7.8910,
27.3810

■ 85.4410, -4.9550,
18.2210

■ 57.1330, -9.3590,
31.9610

■ 94.8770, -3.4870,
13.6410

■ 47.1100, -10.5520,
37.0640

■ 104.9000, -2.2940,
8.5380

■ 37.9730, -11.4240,
41.8560

■ 114.0370, -1.4220,
3.7460

■ 28.5370, -12.8920,
46.4360

■ 123.4730, 0.0460,
-0.8340

■ 26.7650, -13.5340,
47.0580

■ 132.9090, 1.5140,
-5.4140

■ 142.3450, 2.9820,
-9.9940

■ 152.3680, 4.1750,
-15.0970

■ 161.8040, 5.6430,
-19.6770

Harmonies

Analogous

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



63.0740, -55.5700, 4.8940



76.0050, -6.4230, 22.8010



74.9070, 23.3320, 28.7080

Triad

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



76.0050, -6.4230, 22.8010



71.3850, 41.0360, -5.8120



60.7760, -49.8800, -21.1440

Complementary

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



76.0050, -6.4230, 22.8010



108.9950, 6.4230, -22.8010

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.



56.6550, -39.6540, -30.2620



76.0050, -6.4230, 22.8010



69.4120, 27.2380, -20.0740

Square

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



76.0050, -6.4230, 22.8010



72.1600, 46.7640, 11.5320



65.8910, 0.7840, -25.2320



63.4950, -58.9140, -11.6020

Rectangle

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



76.0050, -6.4230, 22.8010



72.6820, 37.0870, 27.2230



65.8910, 0.7840, -25.2320



59.6360, -46.6700, -24.2540

Sweetspot

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



76.0050, -6.4230, 22.8010



139.4270, -2.3400, 9.3720



92.0320, -29.3890, -1.5250



68.0910, -1.5140, 5.4140



207.0000, 0.0000, -0.0000



79.0000, -0.0000, 0.0000

Same Dimension

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



76.0050, -6.4230, 22.8010



86.3550, -9.8640, 35.6080



84.6760, 10.8610, 28.9490



56.2820, -0.7340, 2.2900



27.7050, -13.3050, 48.4150



55.6380, -27.2520, 97.4520

Inverse Universe

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



84.9730, 22.9660, 24.3260



100.2340, 35.8930, 37.8530



100.3240, -10.8610, -28.9490



57.2500, 2.2920, 2.5160



46.4950, 48.8200, 51.3800



93.8160, 98.1900, 103.8060

Previews

White Background



This preview shows how the YIQ color 76.0050, -6.4230, 22.8010 looks on a white background.

Color Contrast Check

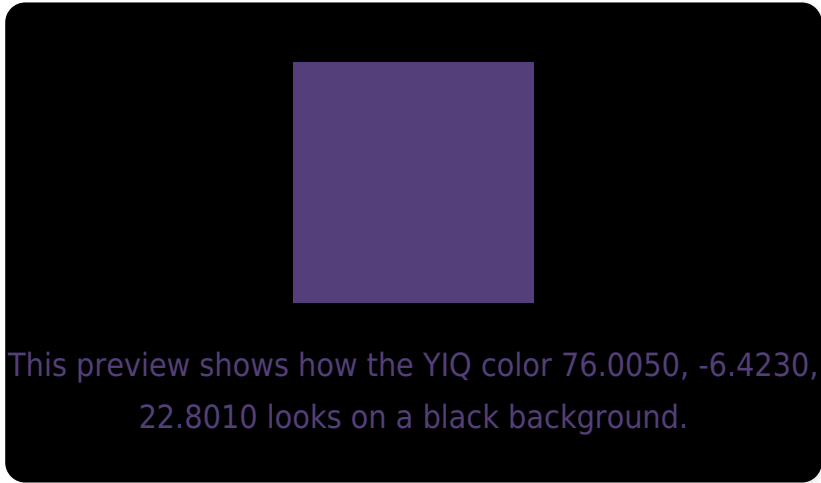
Large Text (above 18pt) WCAG AA ✓ Pass

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

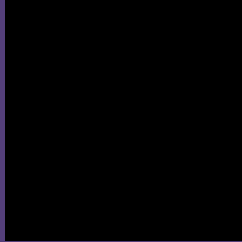
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 76.0050, -6.4230, 22.8010

Background



This preview shows how black text looks on a background with the YIQ color 76.0050, -6.4230, 22.8010.



This preview shows how white text looks on a background with the YIQ color 76.0050, -6.4230,

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

76.0050, -6.4230, 22.8010

Protanopia

71.2510, -33.8390, 13.0490

Deuteranopia

71.1710, -30.8580, 8.5820



Tritanopia

74.5810, -0.1380, 2.5020

Trichromacy



Original Color

76.0050, -6.4230, 22.8010

Protanomaly

73.0350, -24.3030, 16.4410

Deuteranomaly

72.8240, -22.3310, 13.7410

Tritanomaly

74.9540, -2.3860, 10.2060

Monochromacy



Original Color

76.0050, -6.4230, 22.8010

Achromatopsia

76.0000, -0.0000, -0.0000

Achromatomaly

75.9000, -2.2940, 8.5380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 76.0050, -6.4230, 22.8010 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(84, 63, 122)` looks like.

```
.text, #text, p{  
    color:rgb(84, 63, 122)  
}
```

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(84, 63, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 63, 122) }
```

Border

The CSS property to change the border of an element to YIQ 76.0050, -6.4230, 22.8010 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(84, 63, 122) }
```


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

```
.border{ border-color:rgb(84, 63, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 63, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 63, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 63, 122);  
box-shadow:4px 4px 4px 4px rgb(84, 63,  
122) }
```

Background

The CSS property to change the background color of an element to YIQ 76.0050, -6.4230, 22.8010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 63, 122) }
```

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

```
.background{ background-color: rgb(84, 63,  
122) }
```

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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