

Converting Colors

YIQ(53.2160, 0.7730, 35.5650)

Have a look what the booklet for
YIQ(53.2160, 0.7730, 35.5650)
contains.

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Color

**YIQ(53.2160, 0.7730,
35.5650)**

Conversions

Conversions Part 1

Format	Color
Hex	4C1E71
RGB	76, 30, 113
RGB Percent	30%, 12%, 44%
CMY	0.7018, 0.8824, 0.5569
CMYK	0.33, 0.73, 0.00, 0.56
HSL	273°, 58%, 28%
HSV	273°, 73%, 44%
XYZ	6.4273, 3.6577, 15.9854
YIQ	53.2160, 0.7730, 35.5650

Conversions

Conversions Part 2

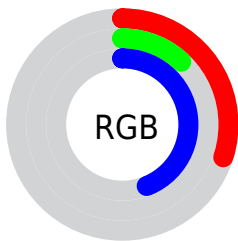
Format	Color
R_{YB}	76, 30, 113
Decimal	4988529
CIE Lab	22.51, 37.73, -39.12
CIE LCh	23, 54.350, 313.966
Yxy	3.6577, 0.2465, 0.1403
Android (android.graphics.Color)	4283178609 (0xFF4C1E71)
YUV	53.2160, 29.4735, 19.9816
Hunter-Lab	19.1250, 26.5193, -36.1693

Details

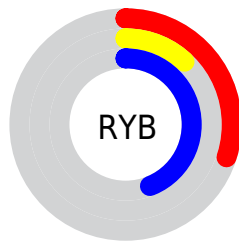
The YIQ color **53.2160, 0.7730, 35.5650** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **89.7840, -0.7730, -35.5650**, and the grayscale version is **53.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **102.9820, 1.5520, 37.9680**, and **15.6680, -3.8560, 25.8400** is the 20% darker color. If you saturate the color by 10%, you get **45.2640, 0.8180, 40.2580**, and if you desaturate by 10%, it is **61.1680, 0.7280, 30.8720**.

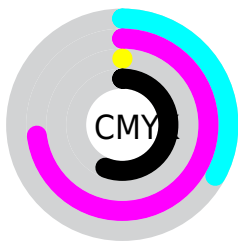
Distribution



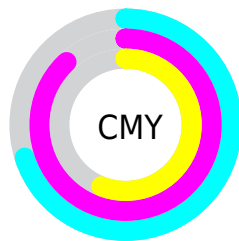
- Red (30%)
- Green (12%)
- Blue (44%)



- Red (30%)
- Yellow (12%)
- Blue (44%)



- Cyan (33%)
- Magenta (73%)
- Yellow (0%)
- Black (56%)



- Cyan (70%)
- Magenta (88%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 53.2160, 0.7730, 35.5650 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 53.2160, 0.7730, 35.5650 by changing the saturation by 10% instead.

■ 53.2160, 0.7730,
35.5650

■ 53.2160, 0.7730,
35.5650

■ 255.0000, -0.0000,
-0.0000

■ 27.6290, 1.0480,
36.0880

■ 102.9820, 1.5520,
37.9680

■ 15.6680, -3.8560,
25.8400

■ 128.8080, 2.1020,
39.0140

■ 4.6740, -13.1610,
12.7510

■ 155.6340, 2.6520,
40.0600

■ 2.7530, -6.3740,
5.3860


■ 183.1610, 2.6060,
40.8940


■ 0.0000, 0.0000,
0.0000


■ 208.2510, 10.8600,
34.4760


■ 229.1720, 12.1000,


23.0120

 245.6080, 4.4000,
8.3680


 53.2160, 0.7730,
35.5650


 53.2160, 0.7730,
35.5650


 45.2640, 0.8180,
40.2580


 61.1680, 0.7280,
30.8720

 36.7250, 1.1380,
45.4740

 69.7070, 0.4080,
25.6560

 31.7190, 1.2750,
48.4990

 77.6590, 0.3630,
20.9630

 85.6110, 0.3180,
16.2700

 93.5630, 0.2730,
11.5770

■ 102.1020, -0.0470,
6.3610

■ 110.0540, -0.0920,
1.6680

■ 118.0060, -0.1370,
-3.0250

■ 126.5450, -0.4570,
-8.2410

Harmonies

Analogous

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



46.3870, -57.5890, 13.9550



53.2160, 0.7730, 35.5650



42.2660, 42.0350, 47.6910

Triad

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



53.2160, 0.7730, 35.5650



51.2430, 38.5600, -4.9920



49.2980, -42.3620, -14.2180

Complementary

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



53.2160, 0.7730, 35.5650



89.7840, -0.7730, -35.5650

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.



43.3360, -28.3300, -26.2340



53.2160, 0.7730, 35.5650



48.9960, 13.8500, -19.7340

Square

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



53.2160, 0.7730, 35.5650



42.2820, 61.1600, 14.9520



38.1550, -17.8750, -33.9950



53.0430, -54.2850, -1.8770

Rectangle

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



53.2160, 0.7730, 35.5650



41.8790, 56.0660, 41.2020



38.1550, -17.8750, -33.9950



47.1150, -37.5930, -18.0490

Sweetspot

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



53.2160, 0.7730, 35.5650



124.1440, 0.1350, 14.0790



61.1810, -36.8180, 6.4620



60.1560, -0.1390, 8.0290



201.0000, -0.0000, 0.0000



74.0000, -0.0000, 0.0000

Same Dimension

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



53.2160, 0.7730, 35.5650



54.3480, 1.1820, 55.6940



63.8230, 24.1090, 42.1650



51.8800, 0.4580, 2.7140



33.7130, 1.4120, 51.5240



69.1210, 2.3650, 105.8610

Inverse Universe

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



59.0350, 37.5910, 29.1030



63.4820, 58.8620, 45.5980



79.1770, -24.1090, -42.1650



52.1360, 2.6130, 2.2050



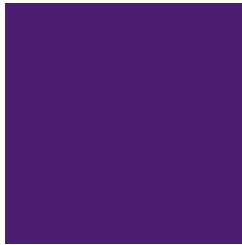
41.9220, 54.5070, 41.9230



86.3930, 111.9020, 86.5740

Previews

White Background



This preview shows how the YIQ color 53.2160, 0.7730, 35.5650 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



This preview shows how the YIQ color 53.2160, 0.7730, 35.5650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

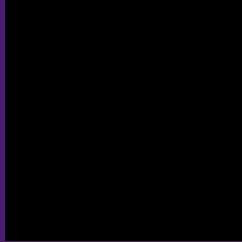
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 53.2160, 0.7730, 35.5650

Background



This preview shows how black text looks on a background with the YIQ color 53.2160, 0.7730, 35.5650.



This preview shows how white text looks on a background with the YIQ color 53.2160, 0.7730, 35.5650.

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

53.2160, 0.7730, 35.5650

Protanopia

43.8790, -50.5270, 7.1130

Tritanopia

55.6420, 7.0600, 4.2120

Trichromacy



Original Color

53.2160, 0.7730, 35.5650

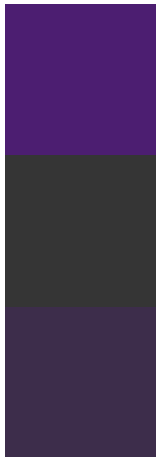
Protanomaly

47.5550, -31.6390, 17.2330

Tritanomaly

54.5360, 4.9030, 15.7750

Monochromacy



Original Color

53.2160, 0.7730, 35.5650

Achromatopsia

53.0000, -0.0000, -0.0000

Achromatomaly

53.2040, -0.0940, 12.7220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 53.2160, 0.7730, 35.5650 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(76, 30, 113)` looks like.

```
.text, #text, p{  
    color:rgb(76, 30, 113)  
}
```

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(76, 30, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 30, 113) }
```

Border

The CSS property to change the border of an element to YIQ 53.2160, 0.7730, 35.5650 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(76, 30, 113) }
```

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

```
.border{ border-color:rgb(76, 30, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 30, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 30, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 30, 113);  
box-shadow:4px 4px 4px 4px rgb(76, 30,  
113) }
```


Background

The CSS property to change the background color of an element to YIQ 53.2160, 0.7730, 35.5650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 30, 113) }
```

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

```
.background{ background-color: rgb(76, 30,  
113) }
```

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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