

Converting Colors

YIQ(53.0200, 6.4160, 15.8880)

Have a look what the booklet for
YIQ(53.0200, 6.4160, 15.8880)
contains.

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Color

**YIQ(53.0200, 6.4160,
15.8880)**

Conversions

Conversions Part 1

Format	Color
Hex	452949
RGB	69, 41, 73
RGB Percent	27%, 16%, 29%
CMY	0.7293, 0.8393, 0.7137
CMYK	0.05, 0.44, 0.00, 0.71
HSL	293°, 28%, 22%
HSV	293°, 44%, 29%
XYZ	4.4509, 3.3321, 6.7119
YIQ	53.0200, 6.4160, 15.8880

Conversions

Conversions Part 2

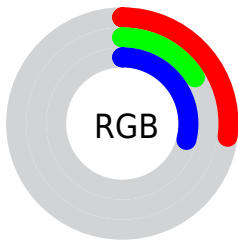
Format	Color
R_{YB}	69, 41, 73
Decimal	4532553
CIE _{Lab}	21.33, 19.33, -14.65
CIE _{LCh}	21, 24.250, 322.842
Yxy	3.3321, 0.3071, 0.2299
Android (android.graphics.Color)	4282722633 (0xFF452949)
YUV	53.0200, 9.8501, 14.0145
Hunter-Lab	18.2541, 11.5794, -9.0227

Details

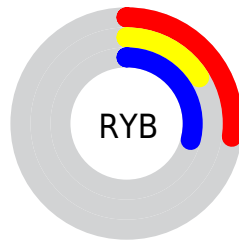
The YIQ color **53.0200, 6.4160, 15.8880** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **60.9800, -6.4160, -15.8880**, and the grayscale version is **53.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **100.2590, 7.2410, 17.4570**, and **11.7920, 7.0580, 15.2660** is the 20% darker color. If you saturate the color by 10%, you get **48.6120, 7.7450, 19.3370**, and if you desaturate by 10%, it is **57.4280, 5.0870, 12.4390**.

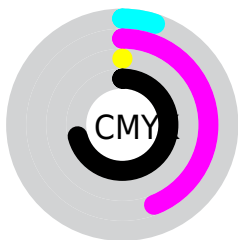
Distribution



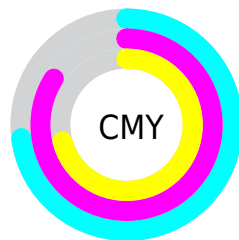
- Red (27%)
- Green (16%)
- Blue (29%)



- Red (27%)
- Yellow (16%)
- Blue (29%)



- Cyan (5%)
- Magenta (44%)
- Yellow (0%)
- Black (71%)



- Cyan (73%)
- Magenta (84%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 53.0200, 6.4160, 15.8880 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 53.0200, 6.4160, 15.8880 by changing the saturation by 10% instead.

■ 53.0200, 6.4160,
15.8880

■ 53.0200, 6.4160,
15.8880

■ 255.0000, -0.0000,
-0.0000

■ 31.1940, 5.8660,
14.8420

■ 100.2590, 7.2410,
17.4570

■ 11.7920, 7.0580,
15.2660

■ 125.6720, 7.5160,
17.9800

■ 0.0000, 0.0000,
0.0000

■ 151.3840, 8.3870,
18.7150

■ 178.4980, 8.0660,
19.0260

■ 205.9110, 8.3410,
19.5490

■ 233.8680, 9.9000,

18.8280

250.3040, 2.2000,
4.1840

53.0200, 6.4160,
15.8880

53.0200, 6.4160,
15.8880

48.6120, 7.7450,
19.3370

57.4280, 5.0870,
12.4390

43.6170, 9.3490,
23.3090

62.4230, 3.4830,
8.4670

39.2090, 10.6780,
26.7580

66.8310, 2.1540,
5.0180

34.8010, 12.0070,
30.2070

71.2390, 0.8250,
1.5690

29.8060, 13.6110,
34.1790

75.6470, -0.5040,
-1.8800

■ 27.4580, 14.7110,
36.2710

■ 80.3430, -2.7040,
-6.0640

■ 84.7510, -4.0330,
-9.5130

■ 89.1590, -5.3620,
-12.9620

■ 94.1540, -6.9660,
-16.9340

Harmonies

Analogous

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



51.2070, -13.3440, 10.5600



53.0200, 6.4160, 15.8880



52.0340, 20.9960, 15.9720

Triad

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



53.0200, 6.4160, 15.8880



49.7940, 20.7710, -7.4930



42.6300, -37.3650, -11.1650

Complementary

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



53.0200, 6.4160, 15.8880



60.9800, -6.4160, -15.8880

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.



40.4640, -31.2660, -17.0740



53.0200, 6.4160, 15.8880



47.8740, 8.6220, -13.0900

Square

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



53.0200, 6.4160, 15.8880



50.5980, 27.5550, 1.7230



45.1260, -9.7630, -15.8030



43.0520, -41.3090, -5.7650

Rectangle

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



53.0200, 6.4160, 15.8880



51.2640, 26.0400, 12.6640



45.1260, -9.7630, -15.8030



41.9460, -35.4390, -13.0310

Sweetspot

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



53.0200, 6.4160, 15.8880



86.6570, 2.7040, 6.0640



46.9960, -11.3720, 7.8600



43.5920, 1.3290, 3.4490



176.0000, -0.0000, -0.0000



48.0000, -0.0000, 0.0000

Same Dimension

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



53.0200, 6.4160, 15.8880



62.8560, 10.1740, 24.8780



52.8480, 12.6520, 13.0040



33.3530, 0.5040, 1.8800



37.2990, 20.0730, 49.2330



85.3790, 45.7370, 112.7850

Inverse Universe

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



51.0240, 17.7880, 8.0280



59.7480, 27.5530, 12.7770



61.1520, -12.6520, -13.0040



33.3100, 2.0630, 1.1590



30.9690, 55.1520, 24.7200



71.0650, 126.3040, 56.8320

Previews

White Background



This preview shows how the YIQ color 53.0200, 6.4160, 15.8880 looks on a white background.

Color Contrast Check

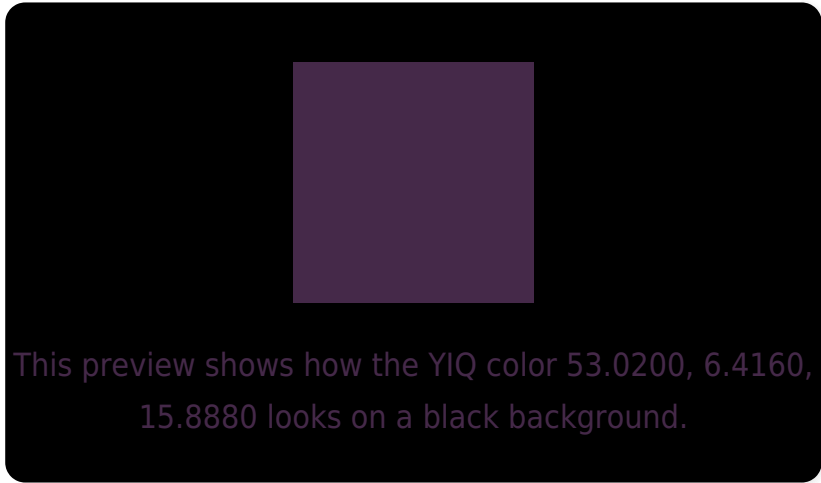
Large Text (above 18pt) WCAG AA ✓ Pass

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

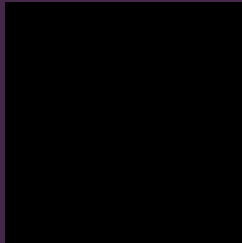
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 53.0200, 6.4160, 15.8880

Background



This preview shows how black text looks on a background with the YIQ color 53.0200, 6.4160, 15.8880.



This preview shows how white text looks on a background with the YIQ color 53.0200, 6.4160,

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

53.0200, 6.4160, 15.8880

Protanopia

51.1310, -16.1860, 6.9980

Deuteranopia

51.4860, -9.9960, 4.9480



Tritanopia

52.4360, 10.6360, 5.4840

Trichromacy



Original Color

53.0200, 6.4160, 15.8880

Protanomaly

51.7300, -7.5670, 10.4890

Deuteranomaly

51.9430, -3.8530, 9.2590

Tritanomaly

52.4730, 9.2140, 9.2300

Monochromacy



Original Color

53.0200, 6.4160, 15.8880

Achromatopsia

53.0000, -0.0000, -0.0000

Achromatomaly

53.2440, 2.4290, 5.5410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 53.0200, 6.4160, 15.8880 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(69, 41, 73)` looks like.

```
.text, #text, p{  
    color:rgb(69, 41, 73)  
}
```

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(69, 41, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 41, 73) }
```

Border

The CSS property to change the border of an element to YIQ 53.0200, 6.4160, 15.8880 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(69, 41, 73) }
```


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

```
.border{ border-color:rgb(69, 41, 73) }
```

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

Here you see how a box with a 4 pixel rgb(69, 41, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 41, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 41, 73);  
box-shadow:4px 4px 4px 4px rgb(69, 41, 73)  
}
```

Background

The CSS property to change the background color of an element to YIQ 53.0200, 6.4160, 15.8880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 41, 73) }
```

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

```
.background{ background-color: rgb(69, 41,  
73) }
```

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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