

Converting Colors

YIQ(53.1920, 9.3480, 28.8360)

Have a look what the booklet for
YIQ(53.1920, 9.3480, 28.8360)
contains.

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Color

**YIQ(53.1920, 9.3480,
28.8360)**

Conversions

Conversions Part 1

Format	Color
Hex	50205C
RGB	80, 32, 92
RGB Percent	31%, 13%, 36%
CMY	0.6861, 0.8746, 0.6392
CMYK	0.13, 0.65, 0.00, 0.64
HSL	288°, 48%, 24%
HSV	288°, 65%, 36%
XYZ	5.7592, 3.5118, 10.4990
YIQ	53.1920, 9.3480, 28.8360

Conversions

Conversions Part 2

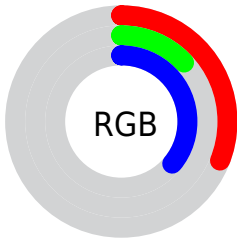
Format	Color
RYB	80, 32, 92
Decimal	5251164
CIELab	21.99, 32.65, -26.22
CIELCh	22, 41.873, 321.236
Yxy	3.5118, 0.2913, 0.1776
Android (android.graphics.Color)	4283441244 (0xFF50205C)
YUV	53.1920, 19.1323, 23.5106
Hunter-Lab	18.7397, 22.0629, -20.0996

Details

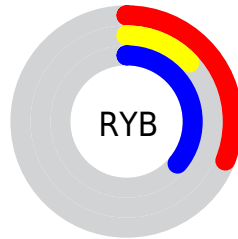
The YIQ color **53.1920, 9.3480, 28.8360** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **70.8080, -9.3480, -28.8360**, and the grayscale version is **53.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **102.4310, 10.1730, 30.4050**, and **15.7090, 6.0940, 21.7260** is the 20% darker color. If you saturate the color by 10%, you get **47.3110, 10.6310, 33.1190**, and if you desaturate by 10%, it is **59.0730, 8.0650, 24.5530**.

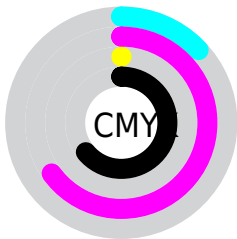
Distribution



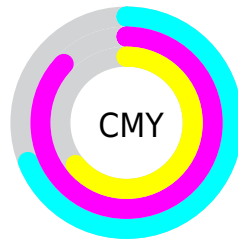
- Red (31%)
- Green (13%)
- Blue (36%)



- Red (31%)
- Yellow (13%)
- Blue (36%)



- Cyan (13%)
- Magenta (65%)
- Yellow (0%)
- Black (64%)



- Cyan (69%)
- Magenta (87%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 53.1920, 9.3480, 28.8360 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 53.1920, 9.3480, 28.8360 by changing the saturation by 10% instead.

■ 53.1920, 9.3480,
28.8360

■ 53.1920, 9.3480,
28.8360

■ 255.0000, -0.0000,
-0.0000

■ 28.6050, 9.6230,
29.3590

■ 102.4310, 10.1730,
30.4050

■ 15.7090, 6.0940,
21.7260

■ 127.5560, 11.3190,
31.6630

■ 3.3230, -7.9790,
6.9410

■ 154.0830, 11.2730,
32.4970

■ 0.0000, 0.0000,
0.0000

■ 181.7950, 12.1440,
33.2320

■ 209.2080, 12.4190,
33.7550

■ 229.7590, 11.8250,

22.4890

246.1950, 4.1250,
7.8450

53.1920, 9.3480,
28.8360

53.1920, 9.3480,
28.8360

47.3110, 10.6310,
33.1190

59.0730, 8.0650,
24.5530

41.4300, 11.9140,
37.4020

64.9540, 6.7820,
20.2700

35.2610, 14.0680,
42.4200

71.4220, 5.2240,
15.4640

32.6140, 14.5720,
44.3000

77.0040, 3.3450,
10.9690

82.8850, 2.0620,
6.6860

■ 88.7660, 0.7790,
2.4030

■ 94.6470, -0.5040,
-1.8800

■ 101.1150, -2.0620,
-6.6860

■ 106.9960, -3.3450,
-10.9690

Harmonies

Analogous

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



48.8920, -34.2060, 14.1940



53.1920, 9.3480, 28.8360



45.8980, 36.7190, 33.8950

Triad

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



53.1920, 9.3480, 28.8360



50.0030, 30.3080, -9.6280



47.1780, -41.9040, -11.5040

Complementary

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



53.1920, 9.3480, 28.8360



70.8080, -9.3480, -28.8360

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.



42.9430, -31.3570, -20.9330



53.1920, 9.3480, 28.8360



47.8000, 11.4660, -20.5820

Square

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



53.1920, 9.3480, 28.8360



47.4770, 46.9490, 2.6690



37.8930, -19.8930, -30.4610



49.0820, -50.0210, -2.0610

Rectangle

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



53.1920, 9.3480, 28.8360



43.5260, 46.3940, 29.2580



37.8930, -19.8930, -30.4610



46.0380, -38.6940, -14.6140

Sweetspot

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



53.1920, 9.3480, 28.8360



104.4170, 3.6200, 11.4920



45.8840, -22.5600, 12.3840



51.8850, 2.0620, 6.6860



189.0000, -0.0000, -0.0000



61.0000, 0.0000, -0.0000

Same Dimension

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



53.1920, 9.3480, 28.8360



59.1410, 14.5260, 45.1340



54.7280, 22.2780, 25.7820



42.7660, 0.7790, 2.4030



38.8520, 17.1380, 52.8660



83.8280, 37.1630, 113.9870

Inverse Universe

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



51.3080, 31.9080, 16.4520



56.2720, 49.9250, 25.8370



69.2720, -22.2780, -25.7820



42.6090, 2.6590, 1.3710



35.3980, 58.4980, 30.1620



76.2210, 126.1650, 64.8610

Previews

White Background



This preview shows how the YIQ color 53.1920, 9.3480, 28.8360 looks on a white background.

Color Contrast Check

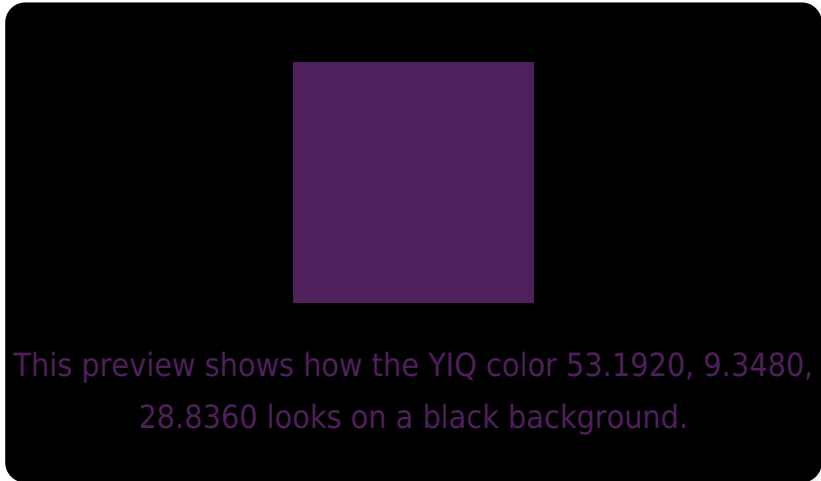
Large Text (above 18pt) WCAG AA ✓ Pass

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

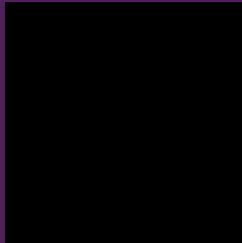
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 53.1920, 9.3480, 28.8360

Background



This preview shows how black text looks on a background with the YIQ color 53.1920, 9.3480, 28.8360.



This preview shows how white text looks on a background with the YIQ color 53.1920, 9.3480,

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

53.1920, 9.3480, 28.8360

Protanopia

43.0640, -49.6100, 7.0140

Deuteranopia

51.2980, -24.0260, 5.9100



Tritanopia

54.1270, 16.0000, 7.3920

Trichromacy



Original Color

53.1920, 9.3480, 28.8360

Protanomaly

46.8280, -28.1540, 14.6460

Deuteranomaly

51.7990, -12.0150, 14.0090

Tritanomaly

53.6140, 13.4310, 15.4070

Monochromacy



Original Color

53.1920, 9.3480, 28.8360

Achromatopsia

53.0000, -0.0000, -0.0000

Achromatomaly

52.8900, 3.6660, 10.6580

CSS Examples

Text

The CSS property to change the color of the text to YIQ 53.1920, 9.3480, 28.8360 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(80, 32, 92)` looks like.

```
.text, #text, p{  
    color:rgb(80, 32, 92)  
}
```

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(80, 32, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 32, 92) }
```

Border

The CSS property to change the border of an element to YIQ 53.1920, 9.3480, 28.8360 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(80, 32, 92) }
```


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

```
.border{ border-color:rgb(80, 32, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 32, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 32, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 32, 92);  
box-shadow:4px 4px 4px 4px rgb(80, 32, 92)  
}
```

Background

The CSS property to change the background color of an element to YIQ 53.1920, 9.3480, 28.8360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 32, 92) }
```

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

```
.background{ background-color: rgb(80, 32,  
92) }
```

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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