

Converting Colors

YIQ(53.2460, -9.0800, 10.3760)

Have a look what the booklet for
YIQ(53.2460, -9.0800, 10.3760)
contains.

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Color

**YIQ(53.2460, -9.0800,
10.3760)**

Conversions

Conversions Part 1

Format	Color
Hex	333151
RGB	51, 49, 81
RGB Percent	20%, 19%, 32%
CMY	0.8000, 0.8078, 0.6824
CMYK	0.37, 0.39, 0.00, 0.68
HSL	244°, 25%, 25%
HSV	244°, 39%, 32%
XYZ	3.9485, 3.4944, 8.2479
YIQ	53.2460, -9.0800, 10.3760

Conversions

Conversions Part 2

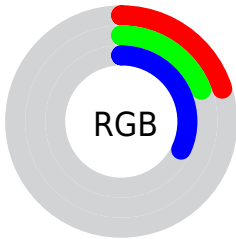
Format	Color
R_{YB}	51, 49, 81
Decimal	3354961
CIE _{Lab}	21.92, 9.70, -19.24
CIE _{LCh}	22, 21.545, 296.763
Yxy	3.4944, 0.2516, 0.2227
Android (android.graphics.Color)	4281545041 (0xFF333151)
YUV	53.2460, 13.6827, -1.9697
Hunter-Lab	18.6933, 4.9902, -13.0749

Details

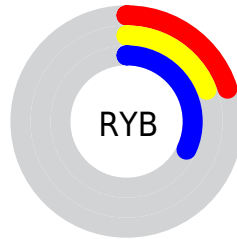
The YIQ color **53.2460, -9.0800, 10.3760** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **76.7540, 9.0800, -10.3760**, and the grayscale version is **53.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **100.3000, -9.1720, 12.0440**, and **7.0830, -7.0630, 12.3690** is the 20% darker color. If you saturate the color by 10%, you get **46.1580, -11.6480, 12.8640**, and if you desaturate by 10%, it is **60.3340, -6.5120, 7.8880**.

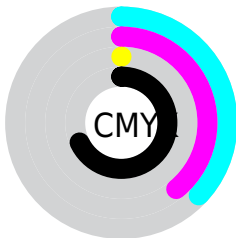
Distribution



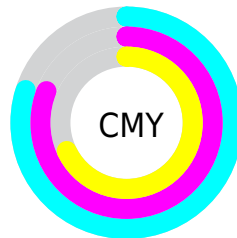
- Red (20%)
- Green (19%)
- Blue (32%)



- Red (20%)
- Yellow (19%)
- Blue (32%)



- Cyan (37%)
- Magenta (39%)
- Yellow (0%)
- Black (68%)



- Cyan (80%)
- Magenta (81%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 53.2460, -9.0800, 10.3760 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 53.2460, -9.0800, 10.3760 by changing the saturation by 10% instead.

■ 53.2460, -9.0800,
10.3760

■ 53.2460, -9.0800,
10.3760

■ 255.0000, -0.0000,
-0.0000

■ 31.7190, -9.0340,
9.5420

■ 100.1860, -8.8510,
11.7330

■ 7.0830, -7.0630,
12.3690

■ 125.4140, -9.4930,
12.3550

■ 2.0690, -4.4480,
3.5200

■ 150.9410, -9.5390,
13.1890

■ 0.0000, 0.0000,
0.0000

■ 177.9410, -9.5390,
13.1890

■ 205.4680, -9.5850,
14.0230

■ 231.9860, -5.4120,

9.9800

■ 53.2460, -9.0800,
10.3760

■ 53.2460, -9.0800,
10.3760

■ 46.1580, -11.6480,
12.8640

■ 60.3340, -6.5120,
7.8880

■ 39.3690, -13.6200,
15.5640

■ 67.1230, -4.5400,
5.1880

■ 32.2810, -16.1880,
18.0520

■ 74.2110, -1.9720,
2.7000

■ 25.4920, -18.1600,
20.7520

■ 81.0000, -0.0000,
0.0000

■ 18.4040, -20.7280,
23.2400

■ 88.0880, 2.5680,
-2.4880

■ 10.7290, -23.0210,
26.2510

■ 95.7630, 4.8610,
-5.4990

■ 102.5520, 6.8330,
-8.1990

■ 109.6400, 9.4010,
-10.6870

■ 116.4290, 11.3730,
-13.3870

Harmonies

Analogous

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



47.8410, -30.1690, 1.5990



53.2460, -9.0800, 10.3760



54.4500, 8.0210, 14.3330

Triad

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



53.2460, -9.0800, 10.3760



52.1030, 24.5750, 0.6630



41.5070, -32.8250, -16.3530

Complementary

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



53.2460, -9.0800, 10.3760



76.7540, 9.0800, -10.3760

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.



46.8810, -10.4510, -14.3470



53.2460, -9.0800, 10.3760



51.3530, 17.6990, -6.8850

Square

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



53.2460, -9.0800, 10.3760



52.4440, 25.3530, 8.5930



49.8460, 5.8250, -11.9590



42.7440, -37.6860, -10.8540

Rectangle

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



53.2460, -9.0800, 10.3760



53.9410, 16.8240, 14.4880



49.8460, 5.8250, -11.9590



43.0410, -25.5810, -15.4770

Sweetspot

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



53.2460, -9.0800, 10.3760



93.7810, -3.5770, 4.2550



70.2580, -18.5220, -5.7380



47.2110, -1.9720, 2.7000



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.



53.2460, -9.0800, 10.3760



61.5970, -14.2620, 16.1860



58.0300, 0.4560, 13.7680



37.4560, -1.2840, 1.2440



14.0630, -29.5330, 34.1390



30.9330, -65.5320, 75.3320

Inverse Universe

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



61.9880, 9.4420, 16.1140



75.1940, 15.0340, 24.9060



71.9700, -0.4560, -13.7680



38.6520, 1.1000, 2.0920



42.5670, 31.1220, 52.7380



94.1060, 68.6150, 116.6710

Previews

White Background



This preview shows how the YIQ color 53.2460, -9.0800, 10.3760 looks on a white background.

Color Contrast Check

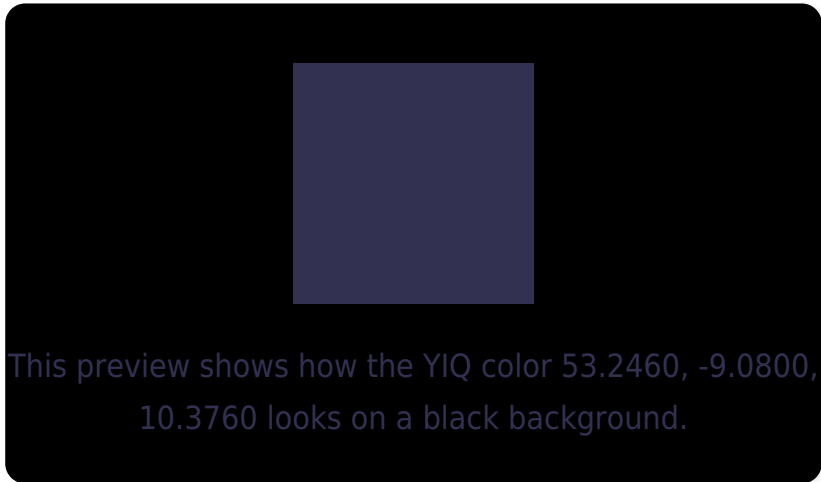
Large Text (above 18pt) WCAG AA ✓ Pass

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

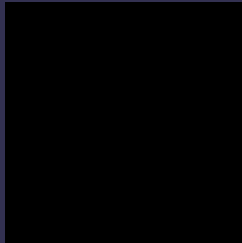
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 53.2460, -9.0800, 10.3760

Background



This preview shows how black text looks on a background with the YIQ color 53.2460, -9.0800, 10.3760.



This preview shows how white text looks on a background with the YIQ color 53.2460, -9.0800,

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

53.2460, -9.0800, 10.3760

Protanopia

52.2450, -16.5070, 7.3090

Deuteranopia

51.3050, -16.7360, 5.9520



Tritanopia

52.0640, -6.0520, -0.4520

Trichromacy



Original Color

53.2460, -9.0800, 10.3760

Protanomaly

52.7400, -13.5270, 8.3690

Deuteranomaly

51.9140, -14.0770, 7.3230

Tritanomaly

52.4000, -6.8780, 3.5060

Monochromacy



Original Color

53.2460, -9.0800, 10.3760

Achromatopsia

53.0000, -0.0000, -0.0000

Achromatomaly

53.2540, -3.5310, 3.4210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 53.2460, -9.0800, 10.3760 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(51, 49, 81)` looks like.

```
.text, #text, p{  
    color:rgb(51, 49, 81)  
}
```

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(51, 49, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 49, 81) }
```

Border

The CSS property to change the border of an element to YIQ 53.2460, -9.0800, 10.3760 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(51, 49, 81) }
```


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

```
.border{ border-color:rgb(51, 49, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 49, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 49, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 49, 81);  
box-shadow:4px 4px 4px 4px rgb(51, 49, 81)  
}
```

Background

The CSS property to change the background color of an element to YIQ 53.2460, -9.0800, 10.3760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 49, 81) }
```

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

```
.background{ background-color: rgb(51, 49,  
81) }
```

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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