

Converting Colors

YIQ(46.5090, 0.3650, 9.9090)

Have a look what the booklet for
YIQ(46.5090, 0.3650, 9.9090)
contains.

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Color

YIQ(46.5090, 0.3650, 9.9090)

Conversions

Conversions Part 1

Format	Color
Hex	35283F
RGB	53, 40, 63
RGB Percent	21%, 16%, 25%
CMY	0.7921, 0.8432, 0.7530
CMYK	0.16, 0.37, 0.00, 0.75
HSL	274°, 22%, 20%
HSV	274°, 37%, 25%
XYZ	3.1245, 2.6333, 5.0456
YIQ	46.5090, 0.3650, 9.9090

Conversions

Conversions Part 2

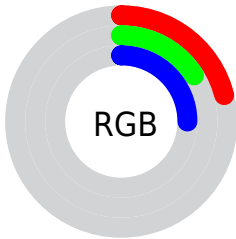
Format	Color
R_{YB}	53, 40, 63
Decimal	3483711
CIE _{Lab}	18.51, 11.42, -12.34
CIE _{LCh}	19, 16.808, 312.787
Yxy	2.6333, 0.2892, 0.2437
Android (android.graphics.Color)	4281673791 (0xFF35283F)
YUV	46.5090, 8.1301, 5.6926
Hunter-Lab	16.2273, 5.9717, -7.0761




Details

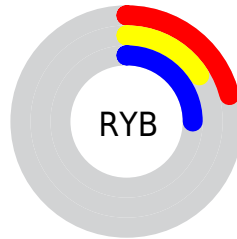
The YIQ color **46.5090, 0.3650, 9.9090** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **56.4910, -0.3650, -9.9090**, and the grayscale version is **46.0000, 0.0000, -0.0000**.




A 20% lighter version of the original color is **92.4490, 0.5940, 11.2660**, and **2.9920, -5.5490, 6.9550** is the 20% darker color. If you saturate the color by 10%, you get **42.0900, 0.2270, 12.4110**, and if you desaturate by 10%, it is **50.9280, 0.5030, 7.4070**.

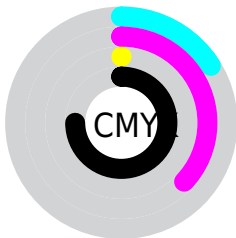
Distribution







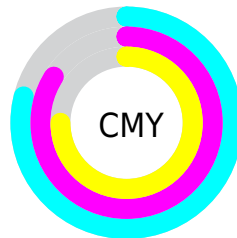
-  Red (21%)
-  Green (16%)
-  Blue (25%)






-  Red (21%)
-  Yellow (16%)
-  Blue (25%)



-  Cyan (16%)
-  Magenta (37%)
-  Yellow (0%)
-  Black (75%)



-  Cyan (79%)
-  Magenta (84%)
-  Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 46.5090, 0.3650, 9.9090 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 46.5090, 0.3650, 9.9090 by changing the saturation by 10% instead.

■ 46.5090, 0.3650,
9.9090

■ 46.5090, 0.3650,
9.9090

■ 255.0000, -0.0000,
-0.0000

■ 25.6830, -0.1850,
8.8630

■ 92.4490, 0.5940,
11.2660

■ 2.9920, -5.5490,
6.9550

■ 117.4490, 0.5940,
11.2660

■ 0.0000, 0.0000,
0.0000

■ 142.8620, 0.8690,
11.7890

■ 169.2750, 1.1440,
12.3120

■ 196.3890, 0.8230,
12.6230

■ 224.8020, 1.0980,

13.1460

248.5430, 3.0250,
5.7530

46.5090, 0.3650,
9.9090

46.5090, 0.3650,
9.9090

42.0900, 0.2270,
12.4110

50.9280, 0.5030,
7.4070

37.3830, 0.9600,
15.6480

55.6350, -0.2300,
4.1700

32.9640, 0.8220,
18.1500

60.0540, -0.0920,
1.6680

28.5450, 0.6840,
20.6520

64.4730, 0.0460,
-0.8340

23.5390, 0.8210,
23.6770

68.8920, 0.1840,
-3.3360

■ 19.4190, 1.2790,
26.3910

■ 73.5990, -0.5490,
-6.5730

■ 17.9460, 1.2330,
27.2250

■ 78.0180, -0.4110,
-9.0750

■ 82.4370, -0.2730,
-11.5770

■ 87.4430, -0.4100,
-14.6020

Harmonies

Analogous

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



44.7460, -13.6640, 5.3440



46.5090, 0.3650, 9.9090



46.3100, 11.2310, 11.2230

Triad

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



46.5090, 0.3650, 9.9090



44.8030, 16.5520, -2.6160



36.2240, -30.3500, -11.6460

Complementary

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



46.5090, 0.3650, 9.9090



56.4910, -0.3650, -9.9090

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.



39.6510, -15.4950, -11.0390



46.5090, 0.3650, 9.9090



43.7480, 9.2170, -7.3510

Square

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



46.5090, 0.3650, 9.9090



45.3460, 19.5770, 3.1370



42.0070, -1.8780, -10.0220



36.8910, -33.6060, -7.7020

Rectangle

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



46.5090, 0.3650, 9.9090



45.8930, 16.7790, 9.7950



42.0070, -1.8780, -10.0220



36.3770, -26.4070, -11.5190

Sweetspot

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



46.5090, 0.3650, 9.9090



75.5210, 0.0910, 3.8590



48.4920, -10.1330, 1.9230



36.5810, -0.1380, 2.5020



168.0000, -0.0000, -0.0000



41.0000, 0.0000, -0.0000

Same Dimension

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



46.5090, 0.3650, 9.9090



56.0840, 0.3640, 15.4360



49.3850, 6.6460, 11.7180



28.6410, -0.3670, 1.1450



26.5630, 1.4140, 40.4700



62.9820, 3.8340, 95.7540

Inverse Universe

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



48.0170, 10.4980, 7.9860



58.4740, 16.6410, 12.2970



53.6150, -6.6460, -11.7180



29.0110, 1.4670, 0.9470



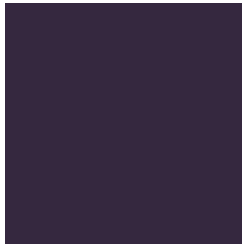
32.7800, 42.8630, 32.6790



77.3220, 101.4960, 76.9200

Previews

White Background



This preview shows how the YIQ color 46.5090, 0.3650, 9.9090 looks on a white background.

Color Contrast Check

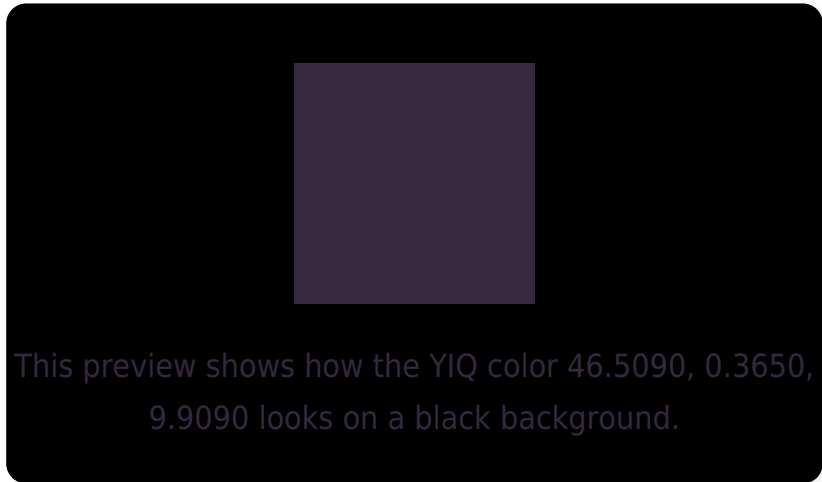
Large Text (above 18pt) WCAG AA ✓ Pass

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 46.5090, 0.3650, 9.9090

Background



This preview shows how black text looks on a background with the YIQ color 46.5090, 0.3650, 9.9090.



This preview shows how white text looks on a background with the YIQ color 46.5090, 0.3650, 9.9090.

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

46.5090, 0.3650, 9.9090

Protanopia

45.4150, -11.2340, 5.3580

Deuteranopia

45.4430, -8.4370, 4.2270



Tritanopia

45.5490, 2.8880, 2.7280

Trichromacy



Original Color

46.5090, 0.3650, 9.9090

Protanomaly

45.6220, -7.3830, 7.1530

Deuteranomaly

45.7640, -4.9070, 6.3330

Tritanomaly

45.9450, 1.8330, 5.3290

Monochromacy



Original Color

46.5090, 0.3650, 9.9090

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

46.5210, 0.0910, 3.8590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 46.5090, 0.3650, 9.9090 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(53, 40, 63)` looks like.

```
.text, #text, p{  
    color:rgb(53, 40, 63)  
}
```

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(53, 40, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 40, 63) }
```

Border

The CSS property to change the border of an element to YIQ 46.5090, 0.3650, 9.9090 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(53, 40, 63) }
```

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

```
.border{ border-color:rgb(53, 40, 63) }
```

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

Here you see how a box with a 4 pixel rgb(53, 40, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 40, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 40, 63);  
box-shadow:4px 4px 4px 4px rgb(53, 40, 63)  
}
```


Background

The CSS property to change the background color of an element to YIQ 46.5090, 0.3650, 9.9090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 40, 63) }
```

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

```
.background{ background-color: rgb(53, 40,  
63) }
```

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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