

Converting Colors

YIQ(45.2390, 11.1340, 40.5260)

Have a look what the booklet for
YIQ(45.2390, 11.1340, 40.5260)
contains.

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Color

**YIQ(45.2390, 11.1340,
40.5260)**

Conversions

Conversions Part 1

Format	Color
Hex	511066
RGB	81, 16, 102
RGB Percent	32%, 6%, 40%
CMY	0.6821, 0.9374, 0.6000
CMYK	0.21, 0.84, 0.00, 0.60
HSL	285°, 73%, 23%
HSV	285°, 84%, 40%
XYZ	5.9808, 3.0807, 12.8483
YIQ	45.2390, 11.1340, 40.5260

Conversions

Conversions Part 2

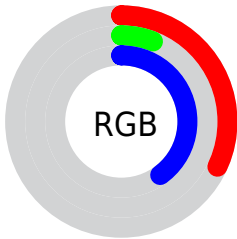
Format	Color
R_{YB}	81, 16, 102
Decimal	5312614
CIE _{Lab}	20.36, 42.13, -35.40
CIE _{LCh}	20, 55.030, 319.961
Yxy	3.0807, 0.2730, 0.1406
Android (android.graphics.Color)	4283502694 (0xFF511066)
YUV	45.2390, 27.9832, 31.3624
Hunter-Lab	17.5518, 30.1082, -31.1153

Details

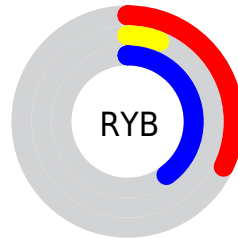
The YIQ color **45.2390, 11.1340, 40.5260** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **72.7610, -11.1340, -40.5260**, and the grayscale version is **45.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **97.2390, 11.1340, 40.5260**, and **16.7350, 3.2050, 24.5250** is the 20% darker color. If you saturate the color by 10%, you get **38.7710, 12.6920, 45.3320**, and if you desaturate by 10%, it is **52.0060, 10.1720, 35.9320**.

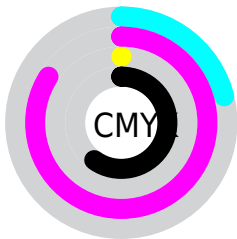
Distribution



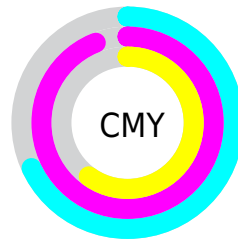
- Red (32%)
- Green (6%)
- Blue (40%)



- Red (32%)
- Yellow (6%)
- Blue (40%)



- Cyan (21%)
- Magenta (84%)
- Yellow (0%)
- Black (60%)



- Cyan (68%)
- Magenta (94%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 45.2390, 11.1340, 40.5260 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 45.2390, 11.1340, 40.5260 by changing the saturation by 10% instead.

45.2390, 11.1340,
40.5260

45.2390, 11.1340,
40.5260

255.0000, -0.0000,
-0.0000

25.6360, 8.3380,
36.1300

97.2390, 11.1340,
40.5260

16.7350, 3.2050,
24.5250

123.3640, 12.2800,
41.7840

4.2350, -10.5470,
9.4290

150.1900, 12.8300,
42.8300

0.4560, -1.2840,
1.2440

177.0160, 13.3800,
43.8760


0.0000, 0.0000,
0.0000


204.1750, 17.1860,
40.9780


223.3020, 14.8500,


28.2420


 239.7380, 7.1500,
13.5980

 45.2390, 11.1340,
40.5260


 45.2390, 11.1340,
40.5260


 38.7710, 12.6920,
45.3320


 52.0060, 10.1720,
35.9320

 34.6510, 13.1500,
48.0460

 58.4740, 8.6140,
31.1260

 65.8280, 7.3770,
26.0090

 72.2960, 5.8190,
21.2030

 78.7640, 4.2610,
16.3970

■ 85.5310, 3.2990,
11.8030

■ 91.9990, 1.7410,
6.9970

■ 99.3530, 0.5040,
1.8800

■ 105.8210, -1.0540,
-2.9260

Harmonies

Analogous

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



40.8930, -53.1420, 15.9620



45.2390, 11.1340, 40.5260



40.4850, 45.6120, 43.4360

Triad

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



45.2390, 11.1340, 40.5260



47.0680, 31.6830, -7.0130



46.8190, -42.2710, -10.3590

Complementary

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



45.2390, 11.1340, 40.5260



72.7610, -11.1340, -40.5260

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.



41.4440, -28.5140, -22.8980



45.2390, 11.1340, 40.5260



43.0490, 6.3310, -21.1330

Square

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



45.2390, 11.1340, 40.5260



39.8790, 54.9250, 12.3090



35.8070, -16.7750, -31.9030



50.2220, -53.2310, 1.0490

Rectangle

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



45.2390, 11.1340, 40.5260



39.0160, 56.9380, 36.4100



35.8070, -16.7750, -31.9030



44.6360, -37.5020, -14.1900

Sweetspot

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



45.2390, 11.1340, 40.5260



110.6500, 4.5820, 16.0860



38.1310, -33.3810, 15.7630



52.7650, 2.5200, 9.4000



194.0000, -0.0000, 0.0000



66.0000, -0.0000, -0.0000

Same Dimension

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



45.2390, 11.1340, 40.5260



45.0620, 16.9070, 62.5630



49.0100, 30.7120, 38.1360



47.7660, 0.7790, 2.4030



39.1230, 14.9370, 54.2090



82.3050, 31.3860, 114.0580

Inverse Universe

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



44.1080, 44.5150, 24.7630



43.4150, 68.9960, 38.1480



68.8760, -30.3910, -38.4470



47.6090, 2.6590, 1.3710



37.5770, 59.5520, 33.0880



79.0840, 125.2930, 69.6530

Previews

White Background



This preview shows how the YIQ color 45.2390, 11.1340, 40.5260 looks on a white background.

Color Contrast Check

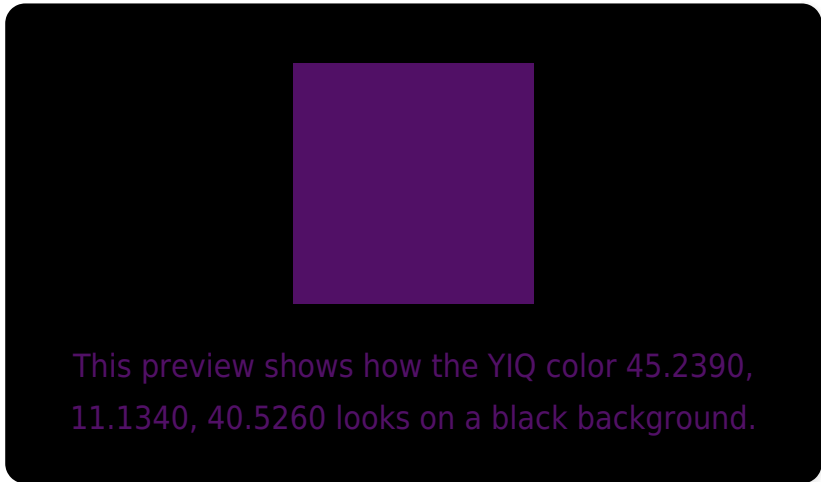
Large Text (above 18pt) WCAG AA ✓ Pass

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

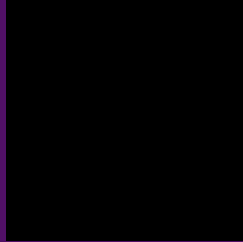
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 45.2390, 11.1340, 40.5260

Background



This preview shows how black text looks on a background with the YIQ color 45.2390, 11.1340, 40.5260.



This preview shows how white text looks on a background with the YIQ color 45.2390, 11.1340,

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

45.2390, 11.1340, 40.5260

Deuteranopia

40.8980, -43.5110, 1.1050

Tritanopia

51.6110, 17.5130, 7.5050

Trichromacy



Original Color

45.2390, 11.1340, 40.5260

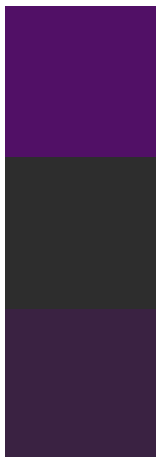
Deuteranomaly

42.3940, -23.9360, 15.2960

Tritanomaly

49.6190, 15.0350, 19.3790

Monochromacy



Original Color

45.2390, 11.1340, 40.5260

Achromatopsia

45.0000, -0.0000, -0.0000

Achromatomaly

44.8240, 4.0320, 15.0400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 45.2390, 11.1340, 40.5260 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(81, 16, 102)` looks like.

```
.text, #text, p{  
    color:rgb(81, 16, 102)  
}
```

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(81, 16, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 16, 102) }
```

Border

The CSS property to change the border of an element to YIQ 45.2390, 11.1340, 40.5260 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(81, 16, 102) }
```

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

```
.border{ border-color:rgb(81, 16, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 16, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 16, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 16, 102);  
box-shadow:4px 4px 4px 4px rgb(81, 16,  
102) }
```


Background

The CSS property to change the background color of an element to YIQ 45.2390, 11.1340, 40.5260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 16, 102) }
```

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

```
.background{ background-color: rgb(81, 16,  
102) }
```

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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