

Converting Colors

YIQ(39.6720, 69.4100, 30.6420)

Have a look what the booklet for
YIQ(39.6720, 69.4100, 30.6420)
contains.

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Color

**YIQ(39.6720, 69.4100,
30.6420)**

Conversions

Conversions Part 1

Format	Color
Hex	7D010F
RGB	125, 1, 15
RGB Percent	49%, 0%, 6%
CMY	0.5095, 0.9962, 0.9409
CMYK	0.00, 0.99, 0.88, 0.51
HSL	353°, 98%, 25%
HSV	353°, 99%, 49%
XYZ	8.5658, 4.4211, 0.8563
YIQ	39.6720, 69.4100, 30.6420

Conversions

Conversions Part 2

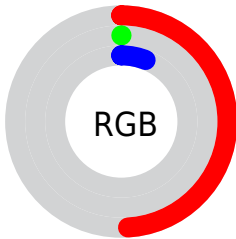
Format	Color
RYB	125, 1, 15
Decimal	8192271
CIELab	25.02, 47.37, 30.88
CIElCh	25, 56.551, 33.103
Yxy	4.4211, 0.6188, 0.3194
Android (android.graphics.Color)	4286382351 (0xFF7D010F)
YUV	39.6720, -12.1633, 74.8327
Hunter-Lab	21.0263, 35.9217, 12.3037

Details

The YIQ color **39.6720, 69.4100, 30.6420** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **86.3280, -69.4100, -30.6420**, and the grayscale version is **40.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **100.6690, 73.4920, 22.7400**, and **20.0330, 39.9320, 14.2040** is the 20% darker color. If you saturate the color by 10%, you get **38.9710, 70.0060, 30.8540**, and if you desaturate by 10%, it is **47.9700, 62.5790, 27.7870**.

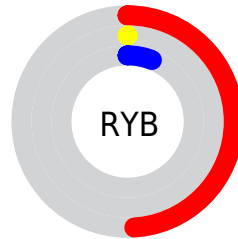
Distribution



Red (49%)

Green (0%)

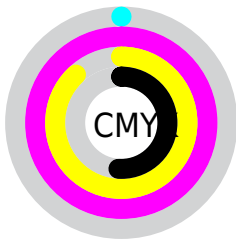
Blue (6%)



Red (49%)

Yellow (0%)

Blue (6%)

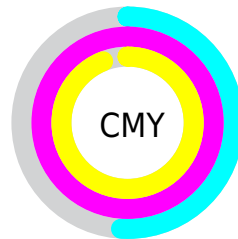


Cyan (0%)

Magenta (99%)

Yellow (88%)

Black (51%)



Cyan (51%)


Magenta (100%)


Yellow (94%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 39.6720, 69.4100, 30.6420 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 39.6720, 69.4100, 30.6420 by changing the saturation by 10% instead.


 39.6720, 69.4100,
30.6420


 39.6720, 69.4100,
30.6420


 253.2900, 4.8150,
-4.6650


 28.7040, 57.2160,
20.3520

 100.6690, 73.4920,
22.7400


 20.0330, 39.9320,
14.2040


 128.4090, 77.1600,
22.3440

 11.7750, 22.9230,
8.5790

 156.2630, 80.5070,
22.2590

 0.0000, 0.0000,
0.0000

 177.4680, 69.5040,
17.9200

 196.8680, 53.4580,
11.3620

 216.3820, 37.0910,

5.1150

■ 236.4830, 20.4490,
-1.6550

■ 39.6720, 69.4100,
30.6420

■ 39.6720, 69.4100,
30.6420

■ 38.9710, 70.0060,
30.8540

■ 47.9700, 62.5790,
27.7870

■ 56.8550, 55.4730,
24.4090

■ 65.1530, 48.6420,
21.5540

■ 74.0380, 41.5360,
18.1760

■ 82.9230, 34.4300,
14.7980

■ 91.3350, 27.2780,
12.2540

■ 100.2200, 20.1720,
8.8760

■ 108.5180, 13.3410,
6.0210

■ 117.4030, 6.2350,
2.6430

Harmonies

Analogous

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



45.3680, 59.1830, 45.2870



39.6720, 69.4100, 30.6420



54.8640, 50.1130, 0.3930

Triad

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



39.6720, 69.4100, 30.6420



45.2620, -25.4860, -33.7260



54.2120, -64.4660, 11.9340

Complementary

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



39.6720, 69.4100, 30.6420



86.3280, -69.4100, -30.6420

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.



58.4690, -64.0520, 4.4280



39.6720, 69.4100, 30.6420



51.7940, -41.1230, -20.1550

Square

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



39.6720, 69.4100, 30.6420



47.3800, -5.2670, -31.2110



56.6960, -54.9260, -6.7820



58.5060, -20.7750, 29.6010

Rectangle

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



39.6720, 69.4100, 30.6420



56.2160, 34.0220, -10.8580



56.6960, -54.9260, -6.7820



56.5600, -65.5660, 9.8420

Sweetspot

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



39.6720, 69.4100, 30.6420



129.3350, 27.2780, 12.2540



48.0260, 25.7560, 61.8840



61.4260, 16.5960, 7.6040



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



39.6720, 69.4100, 30.6420



50.9030, 91.0490, 40.4650



66.2520, 60.7040, 1.1840



59.2070, 3.8510, 1.7950



39.8680, 71.7940, 31.4900



0.0000, 0.0000, 0.0000

Inverse Universe

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



39.6720, 69.4100, 30.6420



50.9030, 91.0490, 40.4650



59.7480, -60.7040, -1.1840



59.2070, 3.8510, 1.7950



39.8680, 71.7940, 31.4900



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 39.6720, 69.4100, 30.6420 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

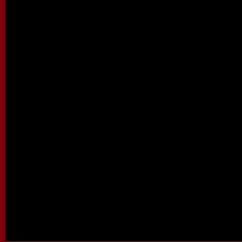
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 39.6720, 69.4100, 30.6420

Background



This preview shows how black text looks on a background with the YIQ color 39.6720, 69.4100, 30.6420.



This preview shows how white text looks on a background with the YIQ color 39.6720, 69.4100,

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

39.6720, 69.4100, 30.6420

Protanopia

60.8750, 16.0490, -10.0230

Deuteranopia

59.1400, 31.1800, -14.4200



Tritanopia

43.5330, 70.8790, 20.5350

Trichromacy



Original Color

39.6720, 69.4100, 30.6420

Protanomaly

52.8980, 35.5780, 5.0020

Deuteranomaly

52.1670, 44.8860, 1.5100

Tritanomaly

41.7550, 70.3740, 24.1820

Monochromacy



Original Color

39.6720, 69.4100, 30.6420

Achromatopsia

40.0000, 0.0000, -0.0000

Achromatomaly

40.0250, 25.2150, 11.0950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 39.6720, 69.4100, 30.6420 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(125, 1, 15)` looks like.

```
.text, #text, p{  
    color:rgb(125, 1, 15)  
}
```

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(125, 1, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 1, 15) }
```

Border

The CSS property to change the border of an element to YIQ 39.6720, 69.4100, 30.6420 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(125, 1, 15) }
```


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

```
.border{ border-color:rgb(125, 1, 15) }
```

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

Here you see how a box with a 4 pixel rgb(125, 1, 15) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 1, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 1, 15);  
box-shadow:4px 4px 4px 4px rgb(125, 1, 15)  
}
```

Background

The CSS property to change the background color of an element to YIQ 39.6720, 69.4100, 30.6420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 1, 15) }
```

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

```
.background{ background-color: rgb(125, 1,  
15) }
```

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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