

Converting Colors

YIQ(27.1190, -41.1340, 40.6420)

Have a look what the booklet for
YIQ(27.1190, -41.1340, 40.6420)
contains.

YIQ(27.1190, -41.1340, 40.6420)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(27.1190, -41.1340,
40.6420)**

Conversions

Conversions Part 1

Format	Color
Hex	0D0C8E
RGB	13, 12, 142
RGB Percent	5%, 5%, 56%
CMY	0.9489, 0.9530, 0.4434
CMYK	0.91, 0.92, 0.00, 0.44
HSL	240°, 84%, 30%
HSV	240°, 92%, 56%
XYZ	5.1752, 2.2996, 25.7358
YIQ	27.1190, -41.1340, 40.6420

Conversions

Conversions Part 2

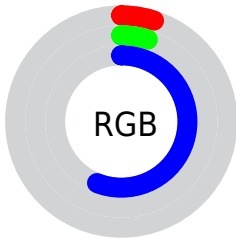
Format	Color
R_{YB}	13, 12, 142
Decimal	855182
CIE _{Lab}	16.99, 47.32, -66.78
CIE _{LCh}	17, 81.851, 305.322
Yxy	2.2996, 0.1558, 0.0692
Android (android.graphics.Color)	4279045262 (0xFF0D0C8E)
YUV	27.1190, 56.6363, -12.3824
Hunter-Lab	15.1646, 34.3785, -90.0059

Details

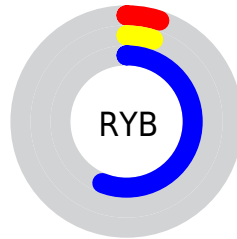
The YIQ color **27.1190, -41.1340, 40.6420** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **126.8810, 41.1340, -40.6420**, and the grayscale version is **27.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **85.1750, -26.3720, 48.4440**, and **10.2600, -28.8900, 27.9900** is the 20% darker color. If you saturate the color by 10%, you get **16.4870, -44.9860, 44.3740**, and if you desaturate by 10%, it is **39.5230, -36.6400, 36.2880**.

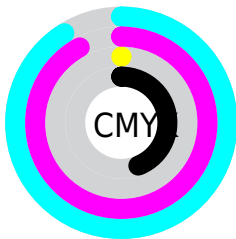
Distribution



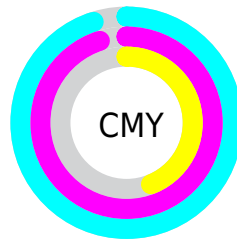
- Red (5%)
- Green (5%)
- Blue (56%)



- Red (5%)
- Yellow (5%)
- Blue (56%)



- Cyan (91%)
- Magenta (92%)
- Yellow (0%)
- Black (44%)



- Cyan (95%)
- Magenta (95%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 27.1190, -41.1340, 40.6420 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 27.1190, -41.1340, 40.6420 by changing the saturation by 10% instead.

■ 27.1190, -41.1340,
40.6420

■ 27.1190, -41.1340,
40.6420

■ 250.8910, 1.9250,
3.6610

■ 13.2240, -37.2360,
36.0760

■ 85.1750, -26.3720,
48.4440

■ 10.2600, -28.8900,
27.9900

■ 112.1260,
-24.6760, 50.7480

■ 11.5190, -22.7900,
16.5540

■ 138.7780,
-23.5760, 52.8400

■ 6.5490, -14.3070,
11.4930

■ 162.7110,
-13.4420, 45.3900

■ 2.9810, -7.0160,
6.0080

■ 187.5300, -2.9870,
37.6290

■ 0.0000, 0.0000,
0.0000

■ 212.3490, 7.4680,

29.8680

■ 233.8680, 9.9000,
18.8280

■ 27.1190, -41.1340,
40.6420

■ 27.1190, -41.1340,
40.6420

■ 16.4870, -44.9860,
44.3740

■ 39.5230, -36.6400,
36.2880

■ 51.9270, -32.1460,
31.9340

■ 64.9180, -27.9270,
27.0570

■ 77.3220, -23.4330,
22.7030

■ 89.7260, -18.9390,
18.3490

■ 102.4290,
-13.8490, 14.2070

■ 114.8330, -9.3550,
9.8530

■ 127.8240, -5.1360,
4.9760

■ 140.2280, -0.6420,
0.6220

Harmonies

Analogous

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



48.7470, -66.9900, 24.6420



27.1190, -41.1340, 40.6420



44.2750, 37.8160, 52.5680

Triad

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



27.1190, -41.1340, 40.6420



31.8940, 50.5690, 14.1610



41.1480, -33.1920, -15.2080

Complementary

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



27.1190, -41.1340, 40.6420



126.8810, 41.1340, -40.6420

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.



34.6330, -16.2250, -30.8570



27.1190, -41.1340, 40.6420



38.9840, 14.1240, -13.6840

Square

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



27.1190, -41.1340, 40.6420



35.8800, 71.5200, 25.4400



31.6980, -14.8500, -28.2420



49.0480, -52.6810, 2.0950

Rectangle

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



27.1190, -41.1340, 40.6420



45.0260, 60.1460, 44.3540



31.6980, -14.8500, -28.2420



38.1670, -26.1760, -21.2160

Sweetspot

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



27.1190, -41.1340, 40.6420



139.7000, -16.0500, 15.5500



103.1300, -77.4800, -27.5600



65.7190, -9.0340, 9.5420



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000

Same Dimension

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



27.1190, -41.1340, 40.6420



21.2750, -58.4680, 57.4360



46.2550, -2.9900, 54.2100



64.7980, -2.2470, 2.1770



15.6890, -42.7390, 42.1970



0.9120, -2.5680, 2.4880

Inverse Universe

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



65.5760, 36.0710, 67.6790



75.7640, 51.2420, 95.6100



107.7450, 2.9900, -54.2100



66.8910, 1.9250, 3.6610



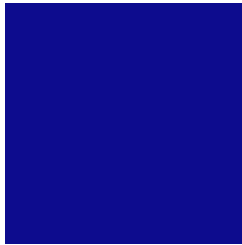
55.6410, 37.4460, 70.2940



3.3040, 2.2000, 4.1840

Previews

White Background



This preview shows how the YIQ color 27.1190, -41.1340, 40.6420 looks on a white background.

Color Contrast Check

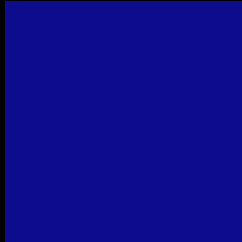
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YIQ color 27.1190, -41.1340, 40.6420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

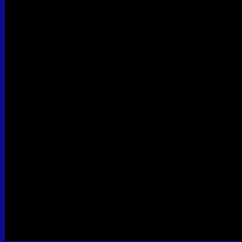
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 27.1190, -41.1340, 40.6420

Background



This preview shows how black text looks on a background with the YIQ color 27.1190, -41.1340, 40.6420.



This preview shows how white text looks on a background with the YIQ color 27.1190, -41.1340,

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

27.1190, -41.1340, 40.6420

Protanopia

35.3870, -40.3940, 5.1900

Deuteranopia

35.0790, -36.7710, 0.1010



Tritanopia

34.5770, -29.8460, -9.7660

Trichromacy



Original Color

27.1190, -41.1340, 40.6420

Protanomaly

32.5910, -40.4880, 17.9120

Deuteranomaly

32.2660, -38.1950, 14.9010

Tritanomaly

32.2030, -33.8840, 8.3560

Monochromacy



Original Color

27.1190, -41.1340, 40.6420

Achromatopsia

27.0000, -0.0000, 0.0000

Achromatomaly

27.3580, -15.0870, 14.6170

CSS Examples

Text

The CSS property to change the color of the text to YIQ 27.1190, -41.1340, 40.6420 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(13, 12, 142)` looks like.

```
.text, #text, p{  
    color:rgb(13, 12, 142)  
}
```

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(13, 12, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 12, 142) }
```

Border

The CSS property to change the border of an element to YIQ 27.1190, -41.1340, 40.6420 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(13, 12, 142) }
```


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

```
.border{ border-color:rgb(13, 12, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(13, 12, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 12, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 12, 142);  
box-shadow:4px 4px 4px 4px rgb(13, 12,  
142) }
```

Background

The CSS property to change the background color of an element to YIQ 27.1190, -41.1340, 40.6420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 12, 142) }
```

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

```
.background{ background-color: rgb(13, 12,  
142) }
```

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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