

Converting Colors

YIQ(39.7290, -56.2700, 72.6740)

Have a look what the booklet for
YIQ(39.7290, -56.2700, 72.6740)
contains.

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Color

**YIQ(39.7290, -56.2700,
72.6740)**

Conversions

Conversions Part 1

Format	Color
Hex	1F08E2
RGB	31, 8, 226
RGB Percent	12%, 3%, 89%
CMY	0.8781, 0.9687, 0.1141
CMYK	0.86, 0.96, 0.00, 0.11
HSL	246°, 93%, 46%
HSV	246°, 96%, 89%
XYZ	14.3670, 5.9510, 72.2710
YIQ	39.7290, -56.2700, 72.6740

Conversions

Conversions Part 2

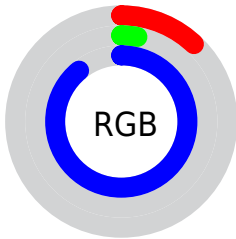
Format	Color
R _Y B	31, 8, 226
Decimal	2033890
CIE Lab	29.29, 71.14, -96.38
CIE LCh	29, 119.787, 306.431
Yxy	5.9510, 0.1552, 0.0643
Android (android.graphics.Color)	4280223970 (0xFF1F08E2)
YUV	39.7290, 91.8316, -7.6553
Hunter-Lab	24.3947, 62.4349, -158.5743




Details

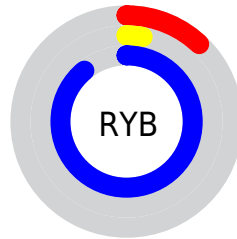
The YIQ color **39.7290, -56.2700, 72.6740** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **194.2710, 56.2700, -72.6740**, and the grayscale version is **39.0000, -0.0000, -0.0000**.




A 20% lighter version of the original color is **106.6270, -29.8600, 67.6120**, and **19.2660, -54.2490, 52.5590** is the 20% darker color. If you saturate the color by 10%, you get **32.9400, -58.2420, 75.3740**, and if you desaturate by 10%, it is **59.2100, -50.6750, 64.8850**.

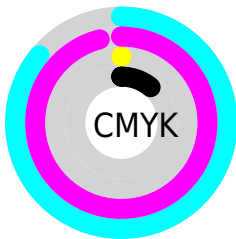
Distribution







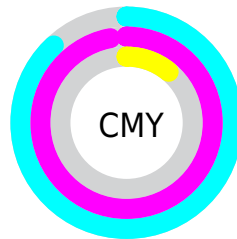
-  Red (12%)
-  Green (3%)
-  Blue (89%)






-  Red (12%)
-  Yellow (3%)
-  Blue (89%)



-  Cyan (86%)
-  Magenta (96%)
-  Yellow (0%)
-  Black (11%)



-  Cyan (88%)
-  Magenta (97%)
-  Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 39.7290, -56.2700, 72.6740 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 39.7290, -56.2700, 72.6740 by changing the saturation by 10% instead.

■ 39.7290, -56.2700,
72.6740

■ 39.7290, -56.2700,
72.6740

■ 255.0000, -0.0000,
-0.0000

■ 22.4580, -63.2370,
61.2670

■ 106.6270,
-29.8600, 67.6120

■ 19.2660, -54.2490,
52.5590

■ 132.3430,
-17.6170, 60.4870

■ 16.0740, -45.2610,
43.8510

■ 158.0590, -5.3740,
53.3620

■ 14.1700, -37.1440,
34.4080

■ 183.4760, 6.2730,
46.0250

■ 17.7770, -32.1440,
20.8800

■ 209.4800, 17.6450,
38.1650


■ 11.4050, -22.4690,
16.2430


■ 227.9980, 12.6500,


■ 6.4350, -13.9860,


24.0580


11.1820


 245.0210, 4.6750,
8.8910


 2.7530, -6.3740,
5.3860


 0.0000, 0.0000,
0.0000


 39.7290, -56.2700,
72.6740


 39.7290, -56.2700,
72.6740

 32.9400, -58.2420,
75.3740

 59.2100, -50.6750,
64.8850

 78.1040, -44.8050,
57.6190

 97.8840, -38.6140,
50.0420

 116.7780,
-32.7440, 42.7760

■ 136.2590,
-27.1490, 34.9870

■ 155.7400,
-21.5540, 27.1980

■ 174.6340,
-15.6840, 19.9320

■ 194.4140, -9.4930,
12.3550

■ 213.3080, -3.6230,
5.0890

Harmonies

Analogous

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



78.3780, -104.9550, 35.3730



39.7290, -56.2700, 72.6740



71.3610, 62.2020, 84.2020

Triad

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



39.7290, -56.2700, 72.6740



51.8390, 78.7650, 20.7890



65.7970, -54.3730, -22.3170

Complementary

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



39.7290, -56.2700, 72.6740



194.2710, 56.2700, -72.6740

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.



54.0040, -25.3000, -48.1160



39.7290, -56.2700, 72.6740



62.8840, 19.8570, -23.9750

Square

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



39.7290, -56.2700, 72.6740



57.1090, 113.8360, 40.4920



51.6560, -24.2000, -46.0240



78.2740, -85.3720, 5.3480

Rectangle

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



39.7290, -56.2700, 72.6740



72.1810, 97.2790, 70.7430



51.6560, -24.2000, -46.0240



61.4480, -43.5050, -32.0570

Sweetspot

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



39.7290, -56.2700, 72.6740



191.8280, -18.9860, 24.7100



147.9040, -123.8780, -34.7100



89.6250, -11.4650, 15.0550



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



39.7290, -56.2700, 72.6740



37.1430, -65.7630, 85.0290



72.0210, 8.0980, 95.5700



102.5530, -2.9350, 3.6330



25.7450, -45.1720, 58.7640



6.9670, -12.4280, 15.9880

Inverse Universe

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



95.4120, 67.3330, 106.8610



102.2370, 78.7920, 124.9680



161.9790, -8.0980, -95.5700



105.4290, 3.3460, 5.4420



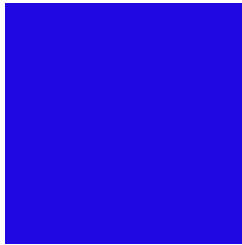
70.5220, 54.4990, 86.1390



19.2540, 14.8050, 23.5490

Previews

White Background



This preview shows how the YIQ color 39.7290, -56.2700, 72.6740 looks on a white background.

Color Contrast Check

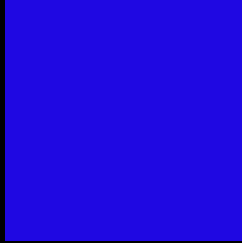
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.7290, -56.2700, 72.6740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

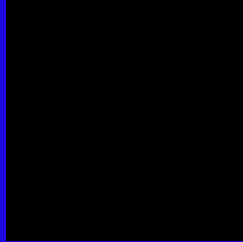
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 39.7290, -56.2700, 72.6740

Background



This preview shows how black text looks on a background with the YIQ color 39.7290, -56.2700, 72.6740.



This preview shows how white text looks on a background with the YIQ color 39.7290, -56.2700,

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

39.7290, -56.2700, 72.6740

Protanopia

55.4030, -63.6860, 8.8100

Deuteranopia

55.9440, -58.3200, -0.3360

Trichromacy



Original Color

39.7290, -56.2700, 72.6740

Protanomaly

49.8990, -61.3060, 31.7660

Deuteranomaly

50.1780, -57.9580, 26.1540

Monochromacy



Original Color

39.7290, -56.2700, 72.6740

Achromatopsia

40.0000, 0.0000, -0.0000

Achromatomaly

39.8110, -20.3160, 26.7880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 39.7290, -56.2700, 72.6740 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(31, 8, 226)` looks like.

```
.text, #text, p{  
    color:rgb(31, 8, 226)  
}
```

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(31, 8, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 8, 226) }
```

Border

The CSS property to change the border of an element to YIQ 39.7290, -56.2700, 72.6740 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(31, 8, 226) }
```

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

```
.border{ border-color:rgb(31, 8, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 8, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 8, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 8, 226);  
box-shadow:4px 4px 4px 4px rgb(31, 8, 226)  
}
```


Background

The CSS property to change the background color of an element to YIQ 39.7290, -56.2700, 72.6740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 8, 226) }
```

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

```
.background{ background-color: rgb(31, 8,  
226) }
```

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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