

Converting Colors

YIQ(41.3790, -17.2980, 71.2300)

Have a look what the booklet for
YIQ(41.3790, -17.2980, 71.2300)
contains.

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Color

**YIQ(41.3790, -17.2980,
71.2300)**

Conversions

Conversions Part 1

Format	Color
Hex	4500B6
RGB	69, 0, 182
RGB Percent	27%, 0%, 71%
CMY	0.7291, 1.0000, 0.2865
CMYK	0.62, 1.00, 0.00, 0.29
HSL	263°, 100%, 36%
HSV	263°, 100%, 71%
XYZ	10.8972, 4.6430, 44.5488
YIQ	41.3790, -17.2980, 71.2300

Conversions

Conversions Part 2

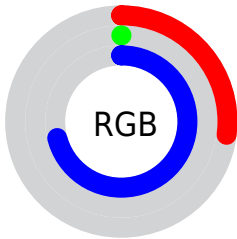
Format	Color
R _Y B	69, 0, 182
Decimal	4522166
CIE Lab	25.69, 63.19, -76.59
CIE LCh	26, 99.296, 309.524
Yxy	4.6430, 0.1814, 0.0773
Android (android.graphics.Color)	4282712246 (0xFF4500B6)
YUV	41.3790, 69.3262, 24.2236
Hunter-Lab	21.5476, 52.5643, -107.4966

Details

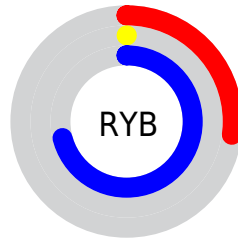
The YIQ color **41.3790, -17.2980, 71.2300** is a dark color, and the websafe version is hex **6600CC**. A complement of this color would be **140.6210, 17.2980, -71.2300**, and the grayscale version is **41.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **105.4560, -16.1970, 67.7950**, and **14.4780, -40.7670, 39.4970** is the 20% darker color. If you saturate the color by 10%, you get **41.3790, -17.2980, 71.2300**, and if you desaturate by 10%, it is **55.2340, -15.6920, 64.1480**.

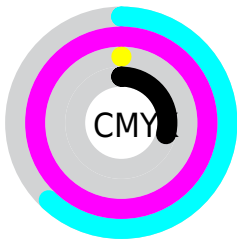
Distribution



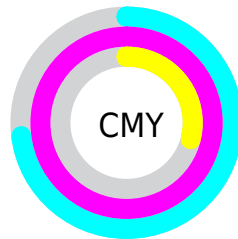
- Red (27%)
- Green (0%)
- Blue (71%)



- Red (27%)
- Yellow (0%)
- Blue (71%)



- Cyan (62%)
- Magenta (100%)
- Yellow (0%)
- Black (29%)



- Cyan (73%)
- Magenta (100%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 41.3790, -17.2980, 71.2300 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 41.3790, -17.2980, 71.2300 by changing the saturation by 10% instead.

■ 41.3790, -17.2980,
71.2300

■ 41.3790, -17.2980,
71.2300

■ 255.0000, -0.0000,
-0.0000

■ 25.9280, -32.7460,
53.8300

■ 105.4560,
-16.1970, 67.7950

■ 14.4780, -40.7670,
39.4970

■ 132.0990,
-10.8780, 65.0100

■ 11.5140, -32.4210,
31.4110

■ 156.6300, 0.4480,
57.9840

■ 13.3600, -26.5960,
19.4520

■ 182.0360, 10.6280,
49.7000

■ 8.2760, -17.7920,
14.0800

■ 207.1540, 21.6790,
42.1510

■ 4.5940, -10.1800,
8.2840

■ 224.4760, 14.3000,

■ 0.0000, 0.0000,

27.1960

0.0000

■ 240.9120, 6.6000,
12.5520

■ 41.3790, -17.2980,
71.2300

■ 55.2340, -15.6920,
64.1480

■ 69.3880, -13.4900,
57.2780

■ 83.8300, -12.1590,
49.6730

■ 97.6850, -10.5530,
42.5910

■ 111.8390, -8.3510,
35.7210

■ 125.6940, -6.7450,
28.6390

■ 139.5490, -5.1390,
21.5570

■ 153.9910, -3.8080,
13.9520

■ 168.1450, -1.6060,
7.0820

Harmonies

Analogous

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



65.3550, -88.9530, 31.7110



41.3790, -17.2980, 71.2300



60.7650, 57.5280, 69.7840

Triad

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



41.3790, -17.2980, 71.2300



53.1690, 59.7400, 7.6440



58.9980, -50.3850, -17.4970

Complementary

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



41.3790, -17.2980, 71.2300



140.6210, 17.2980, -71.2300

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.



47.5470, -22.2750, -42.3630



41.3790, -17.2980, 71.2300



54.5890, 13.4380, -23.2820

Square

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



41.3790, -17.2980, 71.2300



47.2420, 94.1680, 33.4960



45.7860, -21.4500, -40.7940



68.6080, -74.6890, 4.4710

Rectangle

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



41.3790, -17.2980, 71.2300



60.4470, 84.3060, 58.0500



45.7860, -21.4500, -40.7940



55.3330, -41.4430, -25.3710

Sweetspot

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



41.3790, -17.2980, 71.2300



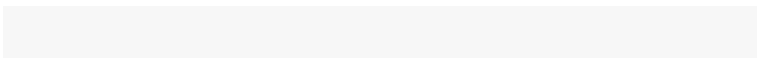
182.1670, -6.6990, 27.8050



88.2530, -90.0470, -3.5430



86.6860, -4.2670, 16.7650



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



41.3790, -17.2980, 71.2300



53.9280, -22.4370, 92.7870



67.9900, 35.7460, 90.0980



84.9230, -1.1010, 3.4350



35.4250, -14.9120, 61.0240



6.4810, -2.4320, 11.0400

Inverse Universe

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



67.3000, 72.1990, 73.7270



87.6210, 94.0650, 95.9610



114.0100, -35.7460, -90.0980



86.2610, 3.7590, 3.4630



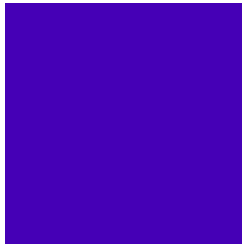
57.5880, 62.1600, 62.9280



10.3100, 11.2310, 11.2230

Previews

White Background



This preview shows how the YIQ color 41.3790, -17.2980, 71.2300 looks on a white background.

Color Contrast Check

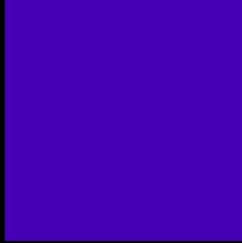
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.3790, -17.2980, 71.2300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

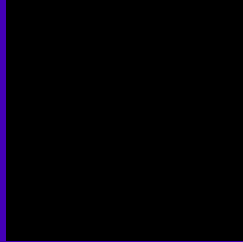
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 41.3790, -17.2980, 71.2300

Background



This preview shows how black text looks on a background with the YIQ color 41.3790, -17.2980, 71.2300.



This preview shows how white text looks on a background with the YIQ color 41.3790, -17.2980,

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

41.3790, -17.2980, 71.2300

Protanopia

50.5130, -58.1840, 8.2160

Deuteranopia

50.5810, -52.8640, -0.0960



Tritanopia

49.7540, -43.6460, -12.9740

Trichromacy



Original Color

41.3790, -17.2980, 71.2300

Protanomaly

47.2400, -43.3330, 30.9310

Deuteranomaly

47.0460, -40.0310, 26.1530

Tritanomaly

47.0000, -34.3900, 17.5300

Monochromacy



Original Color

41.3790, -17.2980, 71.2300

Achromatopsia

41.0000, 0.0000, -0.0000

Achromatomaly

40.9990, -6.2860, 25.8260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 41.3790, -17.2980, 71.2300 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(69, 0, 182)` looks like.

```
.text, #text, p{  
    color:rgb(69, 0, 182)  
}
```

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(69, 0, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 0, 182) }
```

Border

The CSS property to change the border of an element to YIQ 41.3790, -17.2980, 71.2300 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(69, 0, 182) }
```


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

```
.border{ border-color:rgb(69, 0, 182) }
```

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

Here you see how a box with a 4 pixel rgb(69, 0, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 0, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 0, 182);  
box-shadow:4px 4px 4px 4px rgb(69, 0, 182)  
}
```

Background

The CSS property to change the background color of an element to YIQ 41.3790, -17.2980, 71.2300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 0, 182) }
```

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

```
.background{ background-color: rgb(69, 0,  
182) }
```

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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