

Converting Colors

YIQ(115.2790, -40.2100, 1.8540)

Have a look what the booklet for
YIQ(115.2790, -40.2100, 1.8540)
contains.

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Color

**YIQ(115.2790, -40.2100,
1.8540)**

Conversions

Conversions Part 1

Format	Color
Hex	4E7DA3
RGB	78, 125, 163
RGB Percent	31%, 49%, 64%
CMY	0.6942, 0.5097, 0.3610
CMYK	0.52, 0.23, 0.00, 0.36
HSL	207°, 35%, 47%
HSV	207°, 52%, 64%
XYZ	17.0827, 18.9336, 37.3819
YIQ	115.2790, -40.2100, 1.8540

Conversions

Conversions Part 2

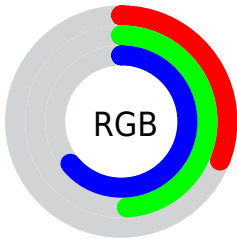
Format	Color
R _Y B	78, 108, 163
Decimal	5143971
CIE Lab	50.61, -4.94, -25.20
CIE LCh	51, 25.680, 258.907
Yxy	18.9336, 0.2327, 0.2580
Android (android.graphics.Color)	4283334051 (0xFF4E7DA3)
YUV	115.2790, 23.5265, -32.6937
Hunter-Lab	43.5128, -6.0700, -20.4772

Details

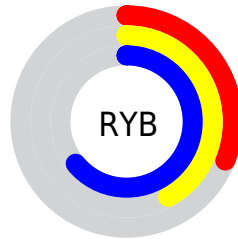
The YIQ color $115.2790, -40.2100, 1.8540$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $125.7210, 40.2100, -1.8540$, and the grayscale version is $115.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $168.2190, -39.9810, 3.2110$, and $62.6480, -45.8030, -1.4110$ is the 20% darker color. If you saturate the color by 10%, you get $106.3860, -47.8210, 2.1230$, and if you desaturate by 10%, it is $124.1720, -32.5990, 1.5850$.

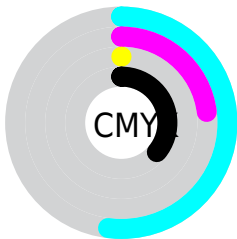
Distribution



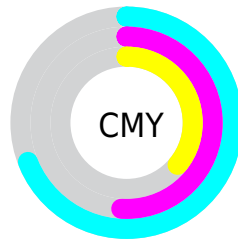
- Red (31%)
- Green (49%)
- Blue (64%)



- Red (31%)
- Yellow (42%)
- Blue (64%)



- Cyan (52%)
- Magenta (23%)
- Yellow (0%)
- Black (36%)



- Cyan (69%)
- Magenta (51%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 115.2790, -40.2100, 1.8540 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 115.2790, -40.2100, 1.8540 by changing the saturation by 10% instead.

■ 115.2790,
-40.2100, 1.8540

■ 115.2790,
-40.2100, 1.8540

■ 255.0000, -0.0000,
-0.0000

■ 89.2680, -41.6770,
0.9070

■ 168.8060,
-40.2560, 2.6880

■ 62.6480, -45.8030,
-1.4110

■ 196.3330,
-40.3020, 3.5220

■ 41.6160, -42.7770,
-1.1850

■ 222.0530,
-33.8820, -2.6980

■ 26.5530, -29.2980,
2.3340

■ 243.3390,
-23.2440, -8.2680

■ 8.7830, -15.0860,
9.0900

■ 252.3090, -5.3640,
-1.9080

■ 2.7530, -6.3740,
5.3860

■ 0.0000, 0.0000,

0.0000

■ 115.2790,
-40.2100, 1.8540

■ 115.2790,
-40.2100, 1.8540

■ 106.3860,
-47.8210, 2.1230

■ 124.1720,
-32.5990, 1.5850

■ 96.6070, -55.7530,
2.7030

■ 133.9510,
-24.6670, 1.0050

■ 87.7140, -63.3640,
2.9720

■ 142.8440,
-17.0560, 0.7360

■ 78.8210, -70.9750,
3.2410

■ 151.7370, -9.4450,
0.4670

■ 71.4120, -77.0730,
3.6230

■ 160.6300, -1.8340,
0.1980

■ 170.4090, 6.0980,
-0.3820

■ 179.3020, 13.7090,
-0.6510

■ 188.1950, 21.3200,
-0.9200

■ 197.3870, 29.5270,
-0.9770

Harmonies

Analogous

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



108.4030, -55.6590, -10.0190



115.2790, -40.2100, 1.8540



121.2220, -17.7000, 12.4120

Triad

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



115.2790, -40.2100, 1.8540



122.2820, 34.7970, 13.6530



114.8010, -7.4700, -18.8140

Complementary

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



115.2790, -40.2100, 1.8540



125.7210, 40.2100, -1.8540

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.



117.3860, 12.9320, -14.1080



115.2790, -40.2100, 1.8540



121.2570, 35.9450, 3.8570

Square

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



115.2790, -40.2100, 1.8540



123.6970, 23.5630, 19.0110



119.7410, 28.2900, -6.0940



111.0680, -30.2110, -19.6750

Rectangle

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



115.2790, -40.2100, 1.8540



122.8820, -1.8830, 17.6130



119.7410, 28.2900, -6.0940



115.7480, 0.0490, -17.4150

Sweetspot

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



115.2790, -40.2100, 1.8540



193.0290, -16.1390, 0.6370



132.1130, -35.2520, -32.9480



95.7370, -9.4450, 0.4670



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



115.2790, -40.2100, 1.8540



136.7140, -63.3640, 2.9720



91.2120, -28.9350, 23.2970



76.9610, -4.2640, 0.1840



63.4900, -68.5450, 3.2550



7.9220, -8.5280, 0.3680

Inverse Universe

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



108.7730, 35.5730, 32.6370



126.5020, 56.1100, 51.4220



149.7880, 28.9350, -23.2970



76.2610, 3.7590, 3.4630



52.4750, 60.7400, 55.6200



6.5220, 7.5180, 6.9260

Previews

White Background



This preview shows how the YIQ color 115.2790, -40.2100, 1.8540 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 115.2790, -40.2100, 1.8540 looks on a black 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 × Fail

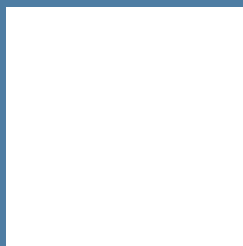
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 115.2790, -40.2100, 1.8540

Background



This preview shows how black text looks on a background with the YIQ color 115.2790, -40.2100, 1.8540.

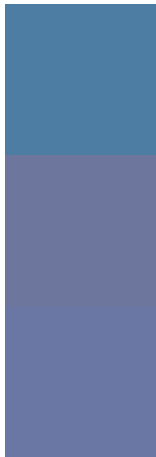


This preview shows how white text looks on a background with the YIQ color 115.2790, -40.2100,

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

115.2790, -40.2100, 1.8540

Protanopia

120.4560, -18.4790, 10.0090

Deuteranopia

119.6560, -21.9180, 11.7620



Tritanopia

112.6130, -38.6950, -9.0870

Trichromacy



Original Color

115.2790, -40.2100, 1.8540

Protanomaly

118.5690, -26.2270, 7.2530

Deuteranomaly

118.4270, -28.7030, 8.0730

Tritanomaly

113.8350, -39.2000, -5.4400

Monochromacy



Original Color

115.2790, -40.2100, 1.8540

Achromatopsia

115.0000, -0.0000, 0.0000

Achromatomaly

115.3990, -14.3050, 0.4390

CSS Examples

Text

The CSS property to change the color of the text to YIQ 115.2790, -40.2100, 1.8540 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(78, 125, 163)` looks like.

```
.text, #text, p{  
    color:rgb(78, 125, 163)  
}
```

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(78, 125, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 125, 163) }
```

Border

The CSS property to change the border of an element to YIQ 115.2790, -40.2100, 1.8540 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(78, 125, 163) }
```


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

```
.border{ border-color:rgb(78, 125, 163) }
```

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

Here you see how a box with a 4 pixel rgb(78, 125, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 125, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 125, 163);  
box-shadow:4px 4px 4px 4px rgb(78, 125,  
163) }
```

Background

The CSS property to change the background color of an element to YIQ 115.2790, -40.2100, 1.8540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 125, 163) }
```

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

```
.background{ background-color: rgb(78, 125,  
163) }
```

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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