

Converting Colors

YIQ(95.5550, -40.8070, 7.1690)

Have a look what the booklet for
YIQ(95.5550, -40.8070, 7.1690)
contains.

YIQ(95.5550, -40.8070, 7.1690)	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(95.5550, -40.8070,
7.1690)**

Conversions

Conversions Part 1

Format	Color
Hex	3D6699
RGB	61, 102, 153
RGB Percent	24%, 40%, 60%
CMY	0.7608, 0.5999, 0.4002
CMYK	0.60, 0.33, 0.00, 0.40
HSL	213°, 43%, 42%
HSV	213°, 60%, 60%
XYZ	12.4220, 12.7959, 31.9299
YIQ	95.5550, -40.8070, 7.1690

Conversions

Conversions Part 2

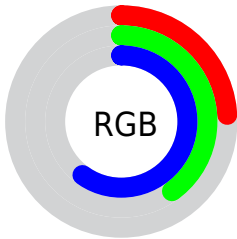
Format	Color
R_{YB}	61, 89, 153
Decimal	4023961
CIE _{Lab}	42.45, 1.78, -32.09
CIE _{LCh}	42, 32.141, 273.178
Yxy	12.7959, 0.2174, 0.2239
Android (android.graphics.Color)	4282214041 (0xFF3D6699)
YUV	95.5550, 28.3204, -30.3047
Hunter-Lab	35.7714, -0.6137, -27.8828

Details

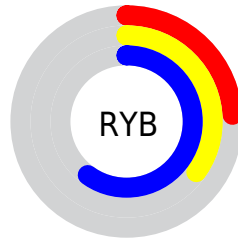
The YIQ color **95.5550, -40.8070, 7.1690** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **118.4450, 40.8070, -7.1690**, and the grayscale version is **95.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **148.2070, -39.7070, 9.2610**, and **44.5000, -48.1420, 2.4340** is the 20% darker color. If you saturate the color by 10%, you get **86.3740, -47.5470, 8.1730**, and if you desaturate by 10%, it is **104.7360, -34.0670, 6.1650**.

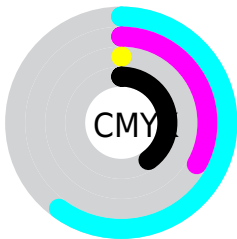
Distribution



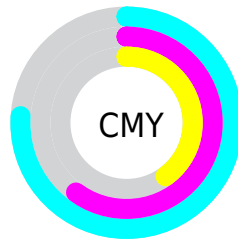
- Red (24%)
- Green (40%)
- Blue (60%)



- Red (24%)
- Yellow (35%)
- Blue (60%)



- Cyan (60%)
- Magenta (33%)
- Yellow (0%)
- Black (40%)



- Cyan (76%)
- Magenta (60%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 95.5550, -40.8070, 7.1690 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 95.5550, -40.8070, 7.1690 by changing the saturation by 10% instead.

■ 95.5550, -40.8070,
7.1690

■ 95.5550, -40.8070,
7.1690

■ 255.0000, -0.0000,
-0.0000

■ 69.2340, -44.3370,
5.0630

■ 148.2070,
-39.7070, 9.2610

■ 44.5000, -48.1420,
2.4340

■ 174.7340,
-39.7530, 10.0950

■ 29.3230, -34.3420,
5.6420

■ 201.7080,
-36.8640, 7.2960

■ 13.2000, -20.6340,
10.5180

■ 226.8150,
-27.2800, -1.2000

■ 4.8220, -10.8220,
8.9060

■ 247.2260,
-15.4960, -5.5120

■ 0.4560, -1.2840,
1.2440

■ 0.0000, 0.0000,

0.0000

■ 95.5550, -40.8070,
7.1690

■ 95.5550, -40.8070,
7.1690

■ 86.3740, -47.5470,
8.1730

■ 104.7360,
-34.0670, 6.1650

■ 76.3070, -54.6080,
9.4880

■ 114.8030,
-27.0060, 4.8500

■ 67.1260, -61.3480,
10.4920

■ 123.9840,
-20.2660, 3.8460

■ 57.3580, -67.8130,
12.0190

■ 133.7520,
-13.8010, 2.3190

■ 142.9330, -7.0610,
1.3150

■ 153.0000, 0.0000,
-0.0000

■ 162.1810, 6.7400,
-1.0040

■ 171.9490, 13.2050,
-2.5310

■ 181.4290, 20.5410,
-3.3230

Harmonies

Analogous

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



80.7410, -77.1620, -11.2900



95.5550, -40.8070, 7.1690



102.2280, -8.6690, 19.4510

Triad

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



95.5550, -40.8070, 7.1690



101.0070, 42.8210, 11.4050



89.8420, -23.8830, -24.2270

Complementary

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



95.5550, -40.8070, 7.1690



118.4450, 40.8070, -7.1690

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.



94.6790, 4.4970, -20.9350



95.5550, -40.8070, 7.1690



99.2370, 38.6970, -1.9670

Square

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



95.5550, -40.8070, 7.1690



101.5090, 35.8960, 21.2720



98.0300, 25.6780, -13.8260



78.5460, -64.0920, -27.9000

Rectangle

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



95.5550, -40.8070, 7.1690



103.5030, 9.6700, 22.9980



98.0300, 25.6780, -13.8260



91.9310, -13.8880, -23.6480

Sweetspot

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



95.5550, -40.8070, 7.1690



176.4960, -15.9560, 2.8280



120.8180, -41.6710, -32.2550



85.6770, -9.2160, 1.8240



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000

Same Dimension

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



95.5550, -40.8070, 7.1690



109.8700, -63.5030, 11.0010



72.9830, -26.5520, 29.6720



71.6730, -3.3930, 0.9190



52.9410, -62.2650, 10.5910



5.0040, -5.8230, 0.9050

Inverse Universe

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



93.1820, 41.6710, 32.2550



106.0530, 64.6840, 50.2200



141.0170, 26.5520, -29.6720



71.7340, 3.8050, 2.6290



49.0420, 63.2170, 49.2730



4.5710, 5.8220, 4.6220

Previews

White Background



This preview shows how the YIQ color 95.5550, -40.8070, 7.1690 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 × Fail

Black Background



This preview shows how the YIQ color 95.5550, -40.8070, 7.1690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

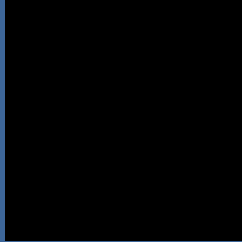
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 95.5550, -40.8070, 7.1690

Background



This preview shows how black text looks on a background with the YIQ color 95.5550, -40.8070, 7.1690.

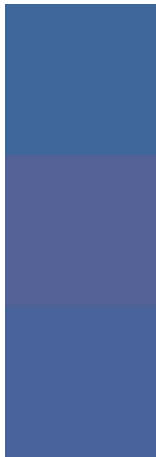


This preview shows how white text looks on a background with the YIQ color 95.5550, -40.8070,

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

95.5550, -40.8070, 7.1690

Protanopia

99.1440, -26.2280, 12.7800

Deuteranopia

98.0830, -33.4260, 11.0700



Tritanopia

90.8900, -41.0330, -10.7690

Trichromacy



Original Color

95.5550, -40.8070, 7.1690

Protanomaly

97.4530, -31.5920, 10.8720

Deuteranomaly

97.4740, -36.0850, 9.6990

Tritanomaly

92.4050, -40.8050, -3.8850

Monochromacy



Original Color

95.5550, -40.8070, 7.1690

Achromatopsia

96.0000, -0.0000, 0.0000

Achromatomaly

95.6810, -15.0390, 2.7290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 95.5550, -40.8070, 7.1690 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(61, 102, 153)` looks like.

```
.text, #text, p{  
    color:rgb(61, 102, 153)  
}
```

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(61, 102, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 102, 153) }
```

Border

The CSS property to change the border of an element to YIQ 95.5550, -40.8070, 7.1690 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(61, 102, 153) }
```


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

```
.border{ border-color:rgb(61, 102, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 102, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 102, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 102, 153);  
box-shadow:4px 4px 4px 4px rgb(61, 102,  
153) }
```

Background

The CSS property to change the background color of an element to YIQ 95.5550, -40.8070, 7.1690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 102, 153) }
```

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

```
.background{ background-color: rgb(61, 102,  
153) }
```

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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