

Converting Colors

YIQ(78.8820, 40.5340, -18.7460)

Have a look what the booklet for
YIQ(78.8820, 40.5340, -18.7460)
contains.

YIQ(78.8820, 40.5340, -18.7460)	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(78.8820, 40.5340,
-18.7460)**

Conversions

Conversions Part 1

Format	Color
Hex	6A5002
RGB	106, 80, 2
RGB Percent	42%, 31%, 1%
CMY	0.5843, 0.6863, 0.9919
CMYK	0.00, 0.25, 0.98, 0.58
HSL	45°, 96%, 21%
HSV	45°, 98%, 42%
XYZ	8.8234, 8.8046, 1.2935
YIQ	78.8820, 40.5340, -18.7460

Conversions

Conversions Part 2

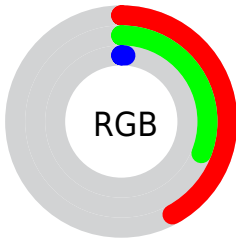
Format	Color
RYB	37, 106, 2
Decimal	6967298
CIELab	35.61, 3.96, 43.34
CIELCh	36, 43.520, 84.780
Yxy	8.8046, 0.4663, 0.4653
Android (android.graphics.Color)	4285157378 (0xFF6A5002)
YUV	78.8820, -37.9028, 23.7825
Hunter-Lab	29.6725, 1.1516, 18.1862

Details

The YIQ color **78.8820, 40.5340, -18.7460** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **29.1180, -40.5340, 18.7460**, and the grayscale version is **79.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **130.2460, 42.5050, -15.9190**, and **37.2780, 22.2840, -7.3800** is the 20% darker color. If you saturate the color by 10%, you get **78.0670, 41.4510, -18.8450**, and if you desaturate by 10%, it is **81.8970, 36.1780, -16.8940**.

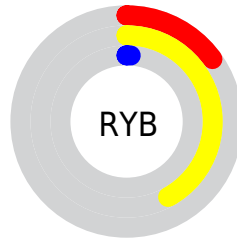
Distribution



Red (42%)

Green (31%)

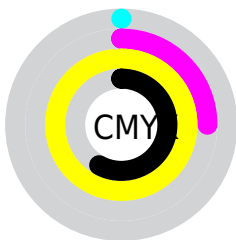
Blue (1%)



Red (15%)

Yellow (42%)

Blue (1%)

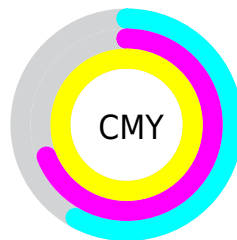


Cyan (0%)

Magenta (25%)

Yellow (98%)

Black (58%)



Cyan (58%)

Magenta (69%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 78.8820, 40.5340, -18.7460 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 78.8820, 40.5340, -18.7460 by changing the saturation by 10% instead.

■ 78.8820, 40.5340,
-18.7460

■ 78.8820, 40.5340,
-18.7460

■ 253.5180, 4.1730,
-4.0430

■ 57.3790, 32.0050,
-12.8510

■ 130.2460, 42.5050,
-15.9190

■ 37.2780, 22.2840,
-7.3800

■ 156.6160, 44.3390,
-16.1170

■ 18.3620, 13.4800,
-2.0080

■ 184.1000, 45.8520,
-16.0040

■ 0.0000, 0.0000,
0.0000

■ 211.8830, 47.9610,
-15.6790

■ 233.3760, 36.0870,
-20.7530

■ 247.1340, 22.1490,

-21.4590

■ 250.3260, 13.1610,
-12.7510

■ 78.8820, 40.5340,
-18.7460

■ 78.8820, 40.5340,
-18.7460

■ 78.0670, 41.4510,
-18.8450

■ 81.8970, 36.1780,
-16.8940

■ 84.2110, 32.4180,
-14.8300

■ 87.2260, 28.0620,
-12.9780

■ 90.1270, 24.0270,
-11.4370

■ 92.5550, 19.9460,
-9.0620

■ 95.5700, 15.5900,
-7.2100

■ 98.4710, 11.5550,
-5.6690

■ 100.8990, 7.4740,
-3.2940

■ 103.8000, 3.4390,
-1.7530

Harmonies

Analogous

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



80.8750, 51.5800, 1.3400



78.8820, 40.5340, -18.7460



75.7970, 15.5480, -28.4840

Triad

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



78.8820, 40.5340, -18.7460



71.4680, -63.4520, -17.4680



85.8230, 14.9410, 32.1010

Complementary

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



78.8820, 40.5340, -18.7460



29.1180, -40.5340, 18.7460

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.



83.4850, -25.4500, 20.7100



78.8820, 40.5340, -18.7460



72.8990, -71.6150, -7.1910

Square

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



78.8820, 40.5340, -18.7460



67.3640, -51.8960, -28.6640



70.2720, -73.8630, 0.5130



82.4810, 42.2670, 32.4670

Rectangle

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



78.8820, 40.5340, -18.7460



72.3410, -9.5310, -31.0270



70.2720, -73.8630, 0.5130



86.5980, 2.3330, 29.3170

Sweetspot

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



78.8820, 40.5340, -18.7460



127.5700, 15.5900, -7.2100



36.2880, 52.9960, 30.7560



62.7420, 9.3540, -4.3260



196.0000, -0.0000, -0.0000



69.0000, -0.0000, -0.0000

Same Dimension

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



78.8820, 40.5340, -18.7460



101.7230, 53.9230, -24.6130



86.9680, 19.0800, -37.4320



52.1420, 2.4760, -0.8200



86.6390, 45.5320, -21.2200



181.2630, 95.4200, -44.2920

Inverse Universe

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



29.1180, -40.5340, 18.7460



35.6900, -53.6480, 25.1360



21.0320, -19.0800, 37.4320



49.8580, -2.4760, 0.8200



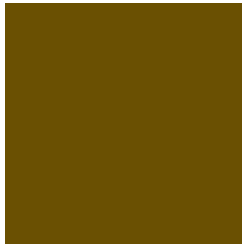
30.3610, -45.5320, 21.2200



63.7370, -95.4200, 44.2920

Previews

White Background



This preview shows how the YIQ color 78.8820, 40.5340, -18.7460 looks on a white background.

Color Contrast Check

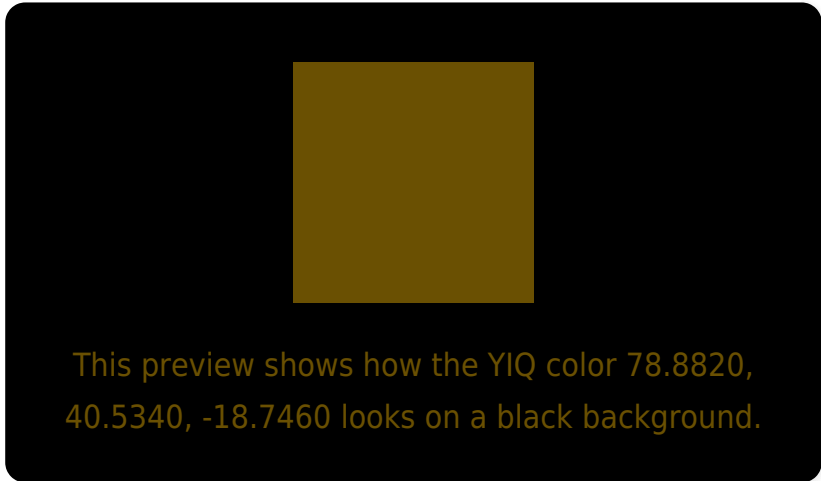
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



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 78.8820, 40.5340, -18.7460

Background



This preview shows how black text looks on a background with the YIQ color 78.8820, 40.5340, -18.7460.



This preview shows how white text looks on a background with the YIQ color 78.8820, 40.5340,

-18.7460.

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

78.8820, 40.5340, -18.7460

Protanopia

78.3970, 31.5940, -21.9260

Deuteranopia

78.9960, 40.2130, -18.4350



Tritanopia

85.4480, 19.5300, 9.4980

Trichromacy



Original Color

78.8820, 40.5340, -18.7460

Protanomaly

78.8920, 34.5740, -20.8660

Deuteranomaly

78.9960, 40.2130, -18.4350

Tritanomaly

83.1310, 27.3720, -0.4680

Monochromacy



Original Color

78.8820, 40.5340, -18.7460

Achromatopsia

79.0000, -0.0000, 0.0000

Achromatomaly

78.7980, 14.9480, -6.5880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 78.8820, 40.5340, -18.7460 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(106, 80, 2)` looks like.

```
.text, #text, p{  
    color:rgb(106, 80, 2)  
}
```

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(106, 80, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 80, 2) }
```

Border

The CSS property to change the border of an element to YIQ 78.8820, 40.5340, -18.7460 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(106, 80, 2) }
```


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

```
.border{ border-color:rgb(106, 80, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 80, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 80, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 80, 2);  
box-shadow:4px 4px 4px 4px rgb(106, 80, 2)  
}
```

Background

The CSS property to change the background color of an element to YIQ 78.8820, 40.5340, -18.7460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 80, 2) }
```

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

```
.background{ background-color: rgb(106, 80,  
2) }
```

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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