

Converting Colors

YIQ(79.5980, 35.5820, -17.1060)

Have a look what the booklet for
YIQ(79.5980, 35.5820, -17.1060)
contains.

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Color

**YIQ(79.5980, 35.5820,
-17.1060)**

Conversions

Conversions Part 1

Format	Color
Hex	67510B
RGB	103, 81, 11
RGB Percent	40%, 32%, 4%
CMY	0.5961, 0.6824, 0.9567
CMYK	0.00, 0.21, 0.89, 0.60
HSL	46°, 81%, 22%
HSV	46°, 89%, 40%
XYZ	8.5962, 8.7914, 1.5620
YIQ	79.5980, 35.5820, -17.1060

Conversions

Conversions Part 2

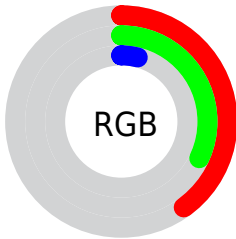
Format	Color
R_{YB}	40, 103, 11
Decimal	6770955
CIE Lab	35.58, 2.11, 40.33
CIE LCh	36, 40.389, 87.005
Yxy	8.7914, 0.4536, 0.4639
Android (android.graphics.Color)	4284961035 (0xFF67510B)
YUV	79.5980, -33.8188, 20.5236
Hunter-Lab	29.6503, -0.1376, 17.6319

Details

The YIQ color **79.5980, 35.5820, -17.1060** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **34.4020, -35.5820, 17.1060**, and the grayscale version is **80.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **130.2070, 38.2410, -15.7350**, and **37.2670, 20.8170, -8.3270** is the 20% darker color. If you saturate the color by 10%, you get **77.2840, 39.3420, -19.1700**, and if you desaturate by 10%, it is **81.9120, 31.8220, -15.0420**.

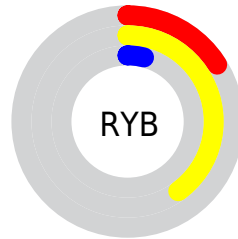
Distribution



Red (40%)

Green (32%)

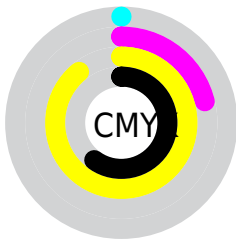
Blue (4%)



Red (16%)

Yellow (40%)

Blue (4%)

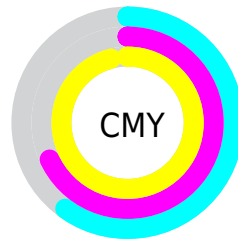


Cyan (0%)

Magenta (21%)

Yellow (89%)

Black (60%)



Cyan (60%)

Magenta (68%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 79.5980, 35.5820, -17.1060 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 79.5980, 35.5820, -17.1060 by changing the saturation by 10% instead.

■ 79.5980, 35.5820,
-17.1060

■ 79.5980, 35.5820,
-17.1060

■ 254.3160, 1.9260,
-1.8660

■ 57.0690, 29.9420,
-14.0100

■ 130.2070, 38.2410,
-15.7350

■ 37.2670, 20.8170,
-8.3270

■ 156.6910, 39.7540,
-15.6220

■ 18.0520, 11.4170,
-3.1670

■ 184.0610, 41.5880,
-15.8200

■ 0.0000, 0.0000,
0.0000

■ 211.5450, 43.1010,
-15.7070

■ 234.6470, 33.8860,
-19.4100

■ 247.8180, 20.2230,

-19.5930

■ 251.0100, 11.2350,
-10.8850

■ 79.5980, 35.5820,
-17.1060

■ 79.5980, 35.5820,
-17.1060

■ 77.2840, 39.3420,
-19.1700

■ 81.9120, 31.8220,
-15.0420

■ 76.5830, 39.9380,
-18.9580

■ 84.9270, 27.4660,
-13.1900

■ 87.2410, 23.7060,
-11.1260

■ 90.1420, 19.6710,
-9.5850

■ 92.5700, 15.5900,
-7.2100

■ 95.4710, 11.5550,
-5.6690

■ 97.7850, 7.7950,
-3.6050

■ 100.6860, 3.7600,
-2.0640

■ 103.1140, -0.3210,
0.3110

Harmonies

Analogous

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



81.1950, 47.6830, 0.3790



79.5980, 35.5820, -17.1060



76.6380, 11.7420, -25.5860

Triad

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



79.5980, 35.5820, -17.1060



70.8810, -63.1770, -16.9450



85.8400, 16.2710, 30.0230

Complementary

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



79.5980, 35.5820, -17.1060



34.4020, -35.5820, 17.1060

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.



84.0080, -19.6730, 20.6390



79.5980, 35.5820, -17.1060



71.9700, -70.3770, -7.6010

Square

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



79.5980, 35.5820, -17.1060



67.1190, -52.5840, -27.2080



68.5280, -71.7080, 0.0040



82.7040, 40.0210, 29.1170

Rectangle

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



79.5980, 35.5820, -17.1060



73.1390, -11.7780, -28.8500



68.5280, -71.7080, 0.0040



86.2130, 4.8550, 27.6630

Sweetspot

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



79.5980, 35.5820, -17.1060



125.6130, 14.0310, -6.4890



41.1300, 47.4490, 26.6570



63.5570, 8.4370, -4.2270



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.



79.5980, 35.5820, -17.1060



100.8260, 52.1350, -25.2490



85.6350, 15.8240, -33.4880



49.8430, 1.8800, -1.0320



85.4540, 44.6150, -21.1210



180.3660, 93.6320, -44.9280

Inverse Universe

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



34.4020, -35.5820, 17.1060



34.1740, -52.1350, 25.2490



28.3650, -15.8240, 33.4880



47.1570, -1.8800, 1.0320



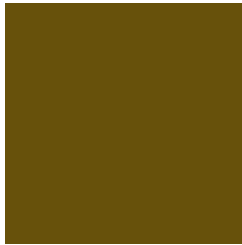
28.9590, -44.3400, 21.6440



61.6340, -93.6320, 44.9280

Previews

White Background



This preview shows how the YIQ color 79.5980, 35.5820, -17.1060 looks on a white background.

Color Contrast Check

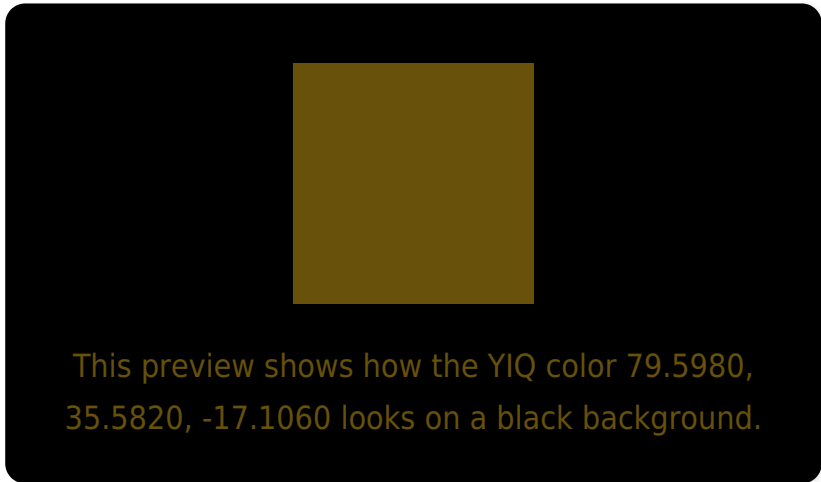
Large Text (above 18pt) WCAG AA ✓ Pass

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

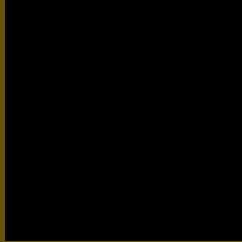
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 79.5980, 35.5820, -17.1060

Background



This preview shows how black text looks on a background with the YIQ color 79.5980, 35.5820, -17.1060.



This preview shows how white text looks on a background with the YIQ color 79.5980, 35.5820,

-17.1060.

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

79.5980, 35.5820, -17.1060

Protanopia

79.0810, 29.6680, -20.0600

Deuteranopia

80.0220, 37.3240, -15.6360



Tritanopia

85.2520, 17.1460, 8.6500

Trichromacy



Original Color

79.5980, 35.5820, -17.1060

Protanomaly

79.3910, 31.7310, -18.9010

Deuteranomaly

79.7230, 36.7280, -15.8480

Tritanomaly

83.2770, 24.0250, -0.3830

Monochromacy



Original Color

79.5980, 35.5820, -17.1060

Achromatopsia

80.0000, 0.0000, -0.0000

Achromatomaly

79.5420, 12.7930, -6.0790

CSS Examples

Text

The CSS property to change the color of the text to YIQ 79.5980, 35.5820, -17.1060 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(103, 81, 11)` looks like.

```
.text, #text, p{  
    color:rgb(103, 81, 11)  
}
```

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(103, 81, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 81, 11) }
```

Border

The CSS property to change the border of an element to YIQ 79.5980, 35.5820, -17.1060 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(103, 81, 11) }
```


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

```
.border{ border-color:rgb(103, 81, 11) }
```

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

Here you see how a box with a 4 pixel rgb(103, 81, 11) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 81, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 81, 11);  
box-shadow:4px 4px 4px 4px rgb(103, 81,  
11) }
```

Background

The CSS property to change the background color of an element to YIQ 79.5980, 35.5820, -17.1060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 81, 11) }
```

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

```
.background{ background-color: rgb(103, 81,  
11) }
```

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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