

Converting Colors

YIQ(79.5990, 61.3450, 6.0890)

Have a look what the booklet for
YIQ(79.5990, 61.3450, 6.0890)
contains.

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Color

**YIQ(79.5990, 61.3450,
6.0890)**

Conversions

Conversions Part 1

Format	Color
Hex	8E3B16
RGB	142, 59, 22
RGB Percent	56%, 23%, 9%
CMY	0.4430, 0.7687, 0.9134
CMYK	0.00, 0.58, 0.84, 0.44
HSL	18°, 73%, 32%
HSV	18°, 84%, 56%
XYZ	12.8706, 8.9372, 1.8093
YIQ	79.5990, 61.3450, 6.0890

Conversions

Conversions Part 2

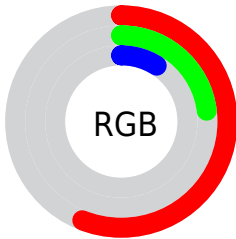
Format	Color
R_{YB}	142, 75, 22
Decimal	9321238
CIE Lab	35.86, 33.21, 38.38
CIE LCh	36, 50.756, 49.133
Yxy	8.9372, 0.5450, 0.3784
Android (android.graphics.Color)	4287511318 (0xFF8E3B16)
YUV	79.5990, -28.3963, 54.7257
Hunter-Lab	29.8952, 24.5319, 17.3384

Details

The YIQ color **79.5990, 61.3450, 6.0890** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **84.4010, -61.3450, -6.0890**, and the grayscale version is **80.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **131.8340, 67.9930, 6.7530**, and **30.1110, 48.4600, 13.8360** is the 20% darker color. If you saturate the color by 10%, you get **72.1330, 68.5890, 6.9650**, and if you desaturate by 10%, it is **87.0650, 54.1010, 5.2130**.

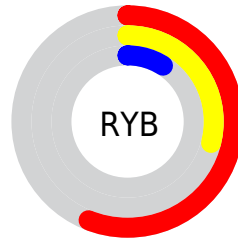
Distribution




 Red (56%)

 Green (23%)

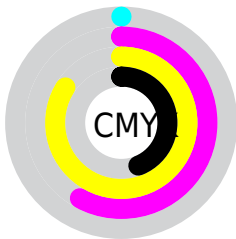
 Blue (9%)



 Red (56%)

 Yellow (29%)

 Blue (9%)

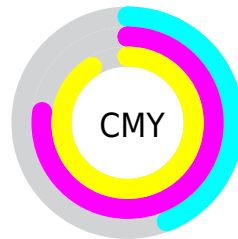


 Cyan (0%)

 Magenta (58%)

 Yellow (84%)

 Black (44%)



 Cyan (44%)


 Magenta (77%)


 Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 79.5990, 61.3450, 6.0890 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 79.5990, 61.3450, 6.0890 by changing the saturation by 10% instead.


 79.5990, 61.3450,
6.0890


 79.5990, 61.3450,
6.0890


255.0000, -0.0000,
-0.0000


 54.3320, 57.7230,
5.6510


 131.8340, 67.9930,
6.7530


 30.1110, 48.4600,
13.8360

 159.2150, 71.2940,
7.5020


 17.0430, 33.9720,
12.0840

 184.7910, 69.5520,
6.0320

 8.7850, 16.9630,
6.4590

 203.6040, 53.7810,
-0.0030

 0.0000, 0.0000,
0.0000

 223.1180, 37.4140,
-6.2500

 243.2190, 20.7720,

-13.0200

■ 251.6940, 9.3090,
-9.0190

■ 79.5990, 61.3450,
6.0890

■ 79.5990, 61.3450,
6.0890

■ 72.1330, 68.5890,
6.9650

■ 87.0650, 54.1010,
5.2130

■ 68.2860, 72.5320,
7.0920

■ 94.5310, 46.8570,
4.3370

■ 101.5240, 39.5670,
4.2950

■ 108.9900, 32.3230,
3.4190

■ 116.4560, 25.0790,
2.5430

■ 123.9220, 17.8350,
1.6670

■ 131.5020, 10.2700,
1.1020

■ 138.9680, 3.0260,
0.2260

■ 145.8470, -3.9430,
-0.1270

Harmonies

Analogous

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



77.2520, 61.8450, 30.0770



79.5990, 61.3450, 6.0890



79.5840, 47.3650, -15.8910

Triad

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



79.5990, 61.3450, 6.0890



67.6260, -49.8780, -32.1980



79.4810, -45.9900, 18.5060

Complementary

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



79.5990, 61.3450, 6.0890



84.4010, -61.3450, -6.0890

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.



73.9880, -78.8150, 2.1530



79.5990, 61.3450, 6.0890



73.0010, -63.6350, -19.6590

Square

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



79.5990, 61.3450, 6.0890



66.3560, -23.0550, -39.2390



75.2300, -74.0450, -7.2050



86.2340, 9.5300, 36.5540

Rectangle

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



79.5990, 61.3450, 6.0890



78.2780, 30.3110, -26.2090



75.2300, -74.0450, -7.2050



68.7050, -76.3400, 6.8600

Sweetspot

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



79.5990, 61.3450, 6.0890



159.9720, 23.5660, 2.4300



67.4560, 44.5560, 51.5640



77.6550, 14.2130, 1.2290



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000

Same Dimension

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



79.5990, 61.3450, 6.0890



87.8880, 94.2640, 9.7200



114.2320, 45.1200, -24.7680



67.2670, 3.6220, 0.4380



65.0190, 68.9100, 6.6540



3.5660, 4.2180, 0.6500

Inverse Universe

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



84.4010, -61.3450, -6.0890



95.5250, -93.9890, -9.1970



49.7680, -45.1200, 24.7680



67.7330, -3.6220, -0.4380



70.5680, -69.1850, -7.1770



3.8470, -3.9430, -0.1270

Previews

White Background



This preview shows how the YIQ color 79.5990, 61.3450, 6.0890 looks on a white background.

Color Contrast Check

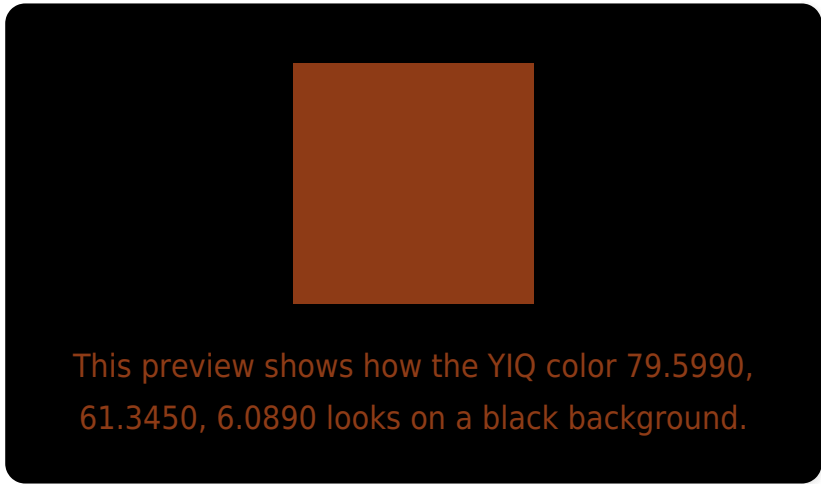
Large Text (above 18pt) WCAG AA ✓ Pass

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

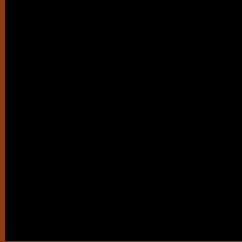
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 79.5990, 61.3450, 6.0890

Background



This preview shows how black text looks on a background with the YIQ color 79.5990, 61.3450, 6.0890.



This preview shows how white text looks on a background with the YIQ color 79.5990, 61.3450,

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

79.5990, 61.3450, 6.0890

Protanopia

81.6060, 23.9360, -15.2960

Deuteranopia

81.0930, 38.5620, -16.0460



Tritanopia

81.7680, 51.1640, 19.9000

Trichromacy



Original Color

79.5990, 61.3450, 6.0890

Protanomaly

81.0640, 37.5060, -7.9180

Deuteranomaly

80.4410, 46.6300, -8.0740

Tritanomaly

80.8730, 55.0620, 15.3340

Monochromacy



Original Color

79.5990, 61.3450, 6.0890

Achromatopsia

80.0000, 0.0000, -0.0000

Achromatomaly

79.7870, 22.6490, 2.5290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 79.5990, 61.3450, 6.0890 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(142, 59, 22)` looks like.

```
.text, #text, p{  
    color:rgb(142, 59, 22)  
}
```

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(142, 59, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 59, 22) }
```

Border

The CSS property to change the border of an element to YIQ 79.5990, 61.3450, 6.0890 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(142, 59, 22) }
```


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

```
.border{ border-color:rgb(142, 59, 22) }
```

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

Here you see how a box with a 4 pixel rgb(142, 59, 22) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 59, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 59, 22);  
box-shadow:4px 4px 4px 4px rgb(142, 59,  
22) }
```

Background

The CSS property to change the background color of an element to YIQ 79.5990, 61.3450, 6.0890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 59, 22) }
```

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

```
.background{ background-color: rgb(142, 59,  
22) }
```

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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