

Converting Colors

YIQ(123.6620, 28.3890,
-46.4510)

Have a look what the booklet for
YIQ(123.6620, 28.3890, -46.4510)
contains.

YIQ(123.6620, 28.3890, -46.4510)	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(123.6620, 28.3890,
-46.4510)**

Conversions

Conversions Part 1

Format	Color
Hex	7A920D
RGB	122, 146, 13
RGB Percent	48%, 57%, 5%
CMY	0.5217, 0.4274, 0.9488
CMYK	0.16, 0.00, 0.91, 0.43
HSL	71°, 84%, 31%
HSV	71°, 91%, 57%
XYZ	18.3744, 24.7249, 4.1866
YIQ	123.6620, 28.3890, -46.4510

Conversions

Conversions Part 2

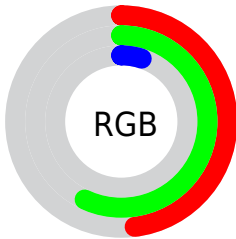
Format	Color
RYB	13, 146, 37
Decimal	8032781
CIELab	56.81, -24.71, 58.02
CIELCh	57, 63.067, 113.069
Yxy	24.7249, 0.3886, 0.5229
Android (android.graphics.Color)	4286222861 (0xFF7A920D)
YUV	123.6620, -54.5564, -1.4576
Hunter-Lab	49.7242, -21.0569, 29.8149

Details

The YIQ color **123.6620, 28.3890, -46.4510** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **35.3380, -28.3890, 46.4510**, and the grayscale version is **124.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **179.1720, 27.0130, -43.5390**, and **76.3960, 14.9990, -35.0570** is the 20% darker color. If you saturate the color by 10%, you get **121.5820, 31.3700, -50.9180**, and if you desaturate by 10%, it is **126.2690, 25.3620, -41.1500**.

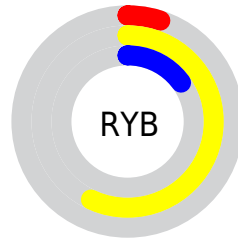
Distribution



Red (48%)

Green (57%)

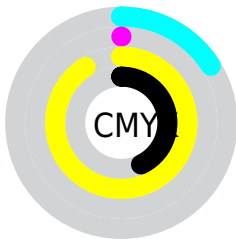
Blue (5%)



Red (5%)

Yellow (57%)

Blue (15%)

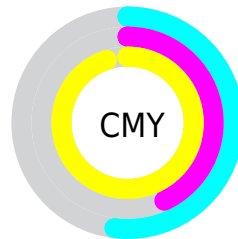


Cyan (16%)

Magenta (0%)

Yellow (91%)

Black (43%)



Cyan (52%)

Magenta (43%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 123.6620, 28.3890, -46.4510 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 123.6620, 28.3890, -46.4510 by changing the saturation by 10% instead.

■ 123.6620, 28.3890,
-46.4510

■ 123.6620, 28.3890,
-46.4510

■ 255.0000, -0.0000,
-0.0000

■ 98.8450, 23.6200,
-42.6200

■ 179.1720, 27.0130,
-43.5390

■ 76.3960, 14.9990,
-35.0570

■ 207.0580, 27.3340,
-43.8500

■ 54.8220, 5.2320,
-28.7520

■ 234.9550, 29.1220,
-43.2140

■ 32.9490, -5.1310,
-22.6590

■ 243.8280, 31.4580,
-30.4780

■ 17.6100, -8.2500,
-15.6900

■ 246.9060, 22.7910,
-22.0810

■ 0.0000, 0.0000,
0.0000

■ 250.2120, 13.4820,

-13.0620

■ 253.5180, 4.1730,
-4.0430

■ 123.6620, 28.3890,
-46.4510

■ 123.6620, 28.3890,
-46.4510

■ 121.5820, 31.3700,
-50.9180

■ 126.2690, 25.3620,
-41.1500

■ 128.4630, 22.0600,
-36.3720

■ 131.0700, 19.0330,
-31.0710

■ 133.5630, 16.3270,
-26.0810

■ 135.8710, 12.7040,
-20.9920

■ 138.4780, 9.6770,
-15.6910

■ 140.6720, 6.3750,
-10.9130

■ 143.2790, 3.3480,
-5.6120

■ 145.7720, 0.6420,
-0.6220

Harmonies

Analogous

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



127.7490, 68.2290, -30.5790



123.6620, 28.3890, -46.4510



111.9530, -38.4580, -51.9460

Triad

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



123.6620, 28.3890, -46.4510



118.2820, -115.3540, -12.9700



133.5200, 64.8670, 52.4110

Complementary

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



123.6620, 28.3890, -46.4510



35.3380, -28.3890, 46.4510

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.



139.8260, 20.0270, 50.0670



123.6620, 28.3890, -46.4510



114.3330, -119.3910, -0.3750

Square

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



123.6620, 28.3890, -46.4510



115.3860, -101.6880, -29.3680



134.5710, -45.7630, 30.9170



130.6200, 84.3560, 35.1080

Rectangle

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



123.6620, 28.3890, -46.4510



105.5480, -76.7420, -51.9580



134.5710, -45.7630, 30.9170



135.9300, 52.0290, 53.7970

Sweetspot

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



123.6620, 28.3890, -46.4510



180.1960, 10.4110, -17.9810



65.6810, 73.2180, 16.6900



89.0850, 6.6500, -10.3900



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



123.6620, 28.3890, -46.4510



157.2880, 40.4050, -65.9870



104.2270, -10.3510, -60.2310



72.9030, 1.6510, -2.3890



114.7930, 29.3980, -48.2180



8.2620, 2.0180, -3.5340

Inverse Universe

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



35.3380, -28.3890, 46.4510



31.7120, -40.4050, 65.9870



54.7730, 10.3510, 60.2310



68.0970, -1.6510, 2.3890



23.2070, -29.3980, 48.2180



1.7380, -2.0180, 3.5340

Previews

White Background



This preview shows how the YIQ color 123.6620, 28.3890, -46.4510 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 123.6620, 28.3890, -46.4510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

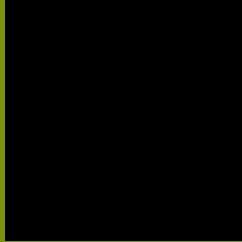
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 123.6620, 28.3890, -46.4510

Background



This preview shows how black text looks on a background with the YIQ color 123.6620, 28.3890, -46.4510.



This preview shows how white text looks on a background with the YIQ color 123.6620, 28.3890,

-46.4510.

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

123.6620, 28.3890, -46.4510

Protanopia

126.7900, 51.8160, -35.9920

Deuteranopia

130.0440, 57.4530, -22.5070



Tritanopia

136.5420, -4.4020, 2.6860

Trichromacy



Original Color

123.6620, 28.3890, -46.4510

Protanomaly

125.7780, 42.9220, -40.0060

Deuteranomaly

127.6140, 46.6800, -31.0160

Tritanomaly

132.2220, 7.5220, -15.1820

Monochromacy



Original Color

123.6620, 28.3890, -46.4510

Achromatopsia

124.0000, -0.0000, -0.0000

Achromatomaly

123.8370, 10.0440, -16.8360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 123.6620, 28.3890, -46.4510 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(122, 146, 13)` looks like.

```
.text, #text, p{  
    color:rgb(122, 146, 13)  
}
```

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(122, 146, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 146, 13) }
```

Border

The CSS property to change the border of an element to YIQ 123.6620, 28.3890, -46.4510 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(122, 146, 13) }
```


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

```
.border{ border-color:rgb(122, 146, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 146, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 146, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 146, 13);  
box-shadow:4px 4px 4px 4px rgb(122, 146,  
13) }
```

Background

The CSS property to change the background color of an element to YIQ 123.6620, 28.3890, -46.4510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 146, 13) }
```

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

```
.background{ background-color: rgb(122,  
146, 13) }
```

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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