

Converting Colors

YIQ(98.3180, 42.0020, -23.3260)

Have a look what the booklet for
YIQ(98.3180, 42.0020, -23.3260)
contains.

YIQ(98.3180, 42.0020, -23.3260)	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(98.3180, 42.0020,
-23.3260)**

Conversions

Conversions Part 1

Format	Color
Hex	7C660C
RGB	124, 102, 12
RGB Percent	49%, 40%, 5%
CMY	0.5137, 0.6000, 0.9527
CMYK	0.00, 0.18, 0.90, 0.51
HSL	48°, 82%, 27%
HSV	48°, 90%, 49%
XYZ	13.1292, 13.8126, 2.3239
YIQ	98.3180, 42.0020, -23.3260

Conversions

Conversions Part 2

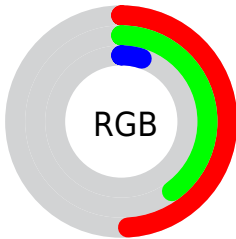
Format	Color
R_{YB}	39, 124, 12
Decimal	8152588
CIE _{Lab}	43.96, 0.01, 47.91
CIE _{LCh}	44, 47.907, 89.994
Yxy	13.8126, 0.4486, 0.4720
Android (android.graphics.Color)	4286342668 (0xFF7C660C)
YUV	98.3180, -42.5548, 22.5231
Hunter-Lab	37.1653, -1.9814, 22.3084

Details

The YIQ color **98.3180, 42.0020, -23.3260** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **37.6820, -42.0020, 23.3260**, and the grayscale version is **99.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **151.1550, 44.0190, -21.3330**, and **54.1010, 26.9160, -14.2360** is the 20% darker color. If you saturate the color by 10%, you get **95.7760, 46.4040, -26.0120**, and if you desaturate by 10%, it is **100.8600, 37.6000, -20.6400**.

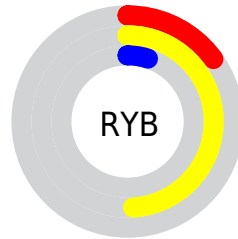
Distribution



Red (49%)

Green (40%)

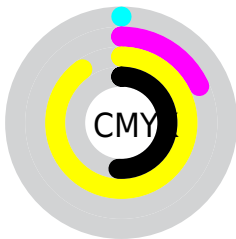
Blue (5%)



Red (15%)

Yellow (49%)

Blue (5%)

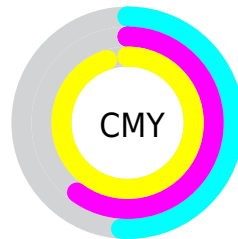


Cyan (0%)

Magenta (18%)

Yellow (90%)

Black (51%)



Cyan (51%)

Magenta (60%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 98.3180, 42.0020, -23.3260 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 98.3180, 42.0020, -23.3260 by changing the saturation by 10% instead.

■ 98.3180, 42.0020,
-23.3260

■ 98.3180, 42.0020,
-23.3260

■ 255.0000, -0.0000,
-0.0000

■ 74.7890, 36.3620,
-20.2300

■ 151.1550, 44.0190,
-21.3330

■ 54.1010, 26.9160,
-14.2360

■ 178.0520, 45.8070,
-20.6970

■ 34.0000, 17.1950,
-8.7650

■ 206.1230, 47.0450,
-21.1070

■ 13.6110, 8.3450,
-2.5590

■ 230.6060, 41.1310,
-24.0610

■ 0.0000, 0.0000,
0.0000

■ 245.5380, 26.6430,
-25.8130

■ 248.6160, 17.9760,

-17.4160

■ 251.9220, 8.6670,
-8.3970

■ 98.3180, 42.0020,
-23.3260

■ 98.3180, 42.0020,
-23.3260

■ 95.7760, 46.4040,
-26.0120

■ 100.8600, 37.6000,
-20.6400

■ 104.1030, 32.6020,
-18.1660

■ 106.6450, 28.2000,
-15.4800

■ 109.8880, 23.2020,
-13.0060

■ 112.4300, 18.8000,
-10.3200

■ 115.5590, 14.1230,
-8.1570

■ 118.2150, 9.4000,
-5.1600

■ 120.7570, 4.9980,
-2.4740

■ 124.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



101.1760, 57.8620, -2.3780



98.3180, 42.0020, -23.3260



94.6390, 10.0010, -32.5830

Triad

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



98.3180, 42.0020, -23.3260



87.9160, -79.4530, -19.3330



106.4760, 23.4680, 37.2600

Complementary

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



98.3180, 42.0020, -23.3260



37.6820, -42.0020, 23.3260

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.



105.1100, -19.7200, 27.0000



98.3180, 42.0020, -23.3260



88.8740, -87.6620, -8.2220

Square

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



98.3180, 42.0020, -23.3260



83.9430, -66.8880, -32.2960



84.9590, -89.0390, 0.2170



102.2650, 51.8030, 35.8590

Rectangle

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



98.3180, 42.0020, -23.3260



89.6170, -19.2960, -35.7760



84.9590, -89.0390, 0.2170



106.8920, 10.4930, 35.6210

Sweetspot

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



98.3180, 42.0020, -23.3260



150.7010, 16.5990, -8.9770



47.9960, 59.6900, 30.5860



75.4000, 10.3170, -5.2590



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



98.3180, 42.0020, -23.3260



123.8620, 60.4810, -33.3350



101.0660, 15.6880, -42.0400



59.7290, 2.2010, -1.3430



96.0750, 47.0000, -25.8000



194.5090, 94.3670, -52.7450

Inverse Universe

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



37.6820, -42.0020, 23.3260



37.1380, -60.4810, 33.3350



34.9340, -15.6880, 42.0400



56.2710, -2.2010, 1.3430



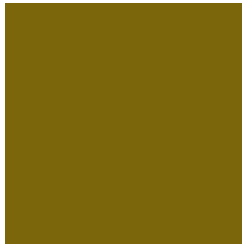
28.9250, -47.0000, 25.8000



58.0780, -94.6420, 52.2220

Previews

White Background



This preview shows how the YIQ color 98.3180, 42.0020, -23.3260 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 98.3180, 42.0020, -23.3260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

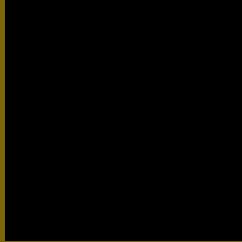
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 98.3180, 42.0020, -23.3260

Background



This preview shows how black text looks on a background with the YIQ color 98.3180, 42.0020, -23.3260.



This preview shows how white text looks on a background with the YIQ color 98.3180, 42.0020,

-23.3260.

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

98.3180, 42.0020, -23.3260

Protanopia

97.5130, 36.9590, -25.5450

Deuteranopia

99.2910, 46.6320, -19.1280



Tritanopia

105.9640, 18.0170, 9.3850

Trichromacy



Original Color

98.3180, 42.0020, -23.3260

Protanomaly

97.8230, 39.0220, -24.3860

Deuteranomaly

98.8670, 44.8900, -20.5980

Tritanomaly

103.3650, 26.5930, -2.8710

Monochromacy



Original Color

98.3180, 42.0020, -23.3260

Achromatopsia

98.0000, -0.0000, -0.0000

Achromatomaly

97.7440, 15.0400, -8.2560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 98.3180, 42.0020, -23.3260 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(124, 102, 12)` looks like.

```
.text, #text, p{  
    color:rgb(124, 102, 12)  
}
```

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(124, 102, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 102, 12) }
```

Border

The CSS property to change the border of an element to YIQ 98.3180, 42.0020, -23.3260 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(124, 102, 12) }
```


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

```
.border{ border-color:rgb(124, 102, 12) }
```

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

Here you see how a box with a 4 pixel rgb(124, 102, 12) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 102, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 102, 12);  
box-shadow:4px 4px 4px 4px rgb(124, 102,  
12) }
```

Background

The CSS property to change the background color of an element to YIQ 98.3180, 42.0020, -23.3260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 102, 12) }
```

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

```
.background{ background-color: rgb(124,  
102, 12) }
```

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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