

Converting Colors

YIQ(42.9990, 18.9360, -1.7680)

Have a look what the booklet for
YIQ(42.9990, 18.9360, -1.7680)
contains.

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Color

**YIQ(42.9990, 18.9360,
-1.7680)**

Conversions

Conversions Part 1

Format	Color
Hex	3C2713
RGB	60, 39, 19
RGB Percent	24%, 15%, 7%
CMY	0.7647, 0.8471, 0.9254
CMYK	0.00, 0.35, 0.68, 0.76
HSL	29°, 52%, 15%
HSV	29°, 68%, 24%
XYZ	2.7070, 2.4585, 0.9490
YIQ	42.9990, 18.9360, -1.7680

Conversions

Conversions Part 2

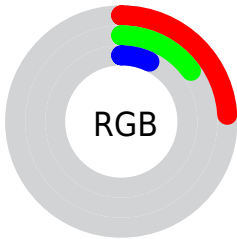
Format	Color
RYB	60, 58, 19
Decimal	3942163
CIELab	17.73, 7.31, 16.99
CIElCh	18, 18.499, 66.737
Yxy	2.4585, 0.4427, 0.4021
Android (android.graphics.Color)	4282132243 (0xFF3C2713)
YUV	42.9990, -11.8315, 14.9099
Hunter-Lab	15.6796, 3.3780, 7.3873

Details

The YIQ color **42.9990, 18.9360, -1.7680** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **36.0010, -18.9360, 1.7680**, and the grayscale version is **43.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **88.9670, 21.9620, -1.5420**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **40.5540, 21.6870, -2.0650**, and if you desaturate by 10%, it is **45.4440, 16.1850, -1.4710**.

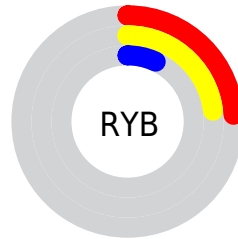
Distribution



 Red (24%)

 Green (15%)

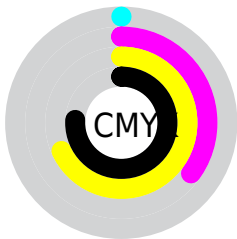
 Blue (7%)



 Red (24%)

 Yellow (23%)

 Blue (7%)

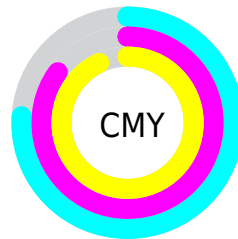


 Cyan (0%)


 Magenta (35%)

 Yellow (68%)

 Black (76%)



 Cyan (76%)

 Magenta (85%)

 Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 42.9990, 18.9360, -1.7680 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 42.9990, 18.9360, -1.7680 by changing the saturation by 10% instead.

■ 42.9990, 18.9360,
-1.7680

■ 42.9990, 18.9360,
-1.7680

■ 253.7460, 3.5310,
-3.4210

■ 22.5150, 17.4230,
-1.8810

■ 88.9670, 21.9620,
-1.5420

■ 0.0000, 0.0000,
0.0000

■ 113.4510, 23.4750,
-1.4290

■ 138.9350, 24.9880,
-1.3160

■ 165.8210, 25.3090,
-1.6270

■ 193.3050, 26.8220,
-1.5140

■ 220.6040, 27.4180,

-1.3020

■ 243.5100, 15.8190,
-5.8530

■ 42.9990, 18.9360,
-1.7680

■ 42.9990, 18.9360,
-1.7680

■ 40.5540, 21.6870,
-2.0650

■ 45.4440, 16.1850,
-1.4710

■ 38.1090, 24.4380,
-2.3620

■ 47.8890, 13.4340,
-1.1740

■ 35.6640, 27.1890,
-2.6590

■ 50.3340, 10.6830,
-0.8770

■ 34.9630, 27.7850,
-2.4470

■ 52.7790, 7.9320,
-0.5800

■ 55.2240, 5.1810,
-0.2830

■ 57.6690, 2.4300,
0.0140

■ 60.7010, -0.5960,
-0.2120

■ 63.1460, -3.3470,
0.0850

■ 65.5910, -6.0980,
0.3820

Harmonies

Analogous

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



43.7700, 21.3190, 4.6070



42.9990, 18.9360, -1.7680



42.3030, 11.9680, -7.6480

Triad

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



42.9990, 18.9360, -1.7680



34.5940, -28.5160, -11.8440



44.9540, -2.3860, 10.2060

Complementary

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



42.9990, 18.9360, -1.7680



36.0010, -18.9360, 1.7680

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.



41.8810, -18.4780, 4.4820



42.9990, 18.9360, -1.7680



36.0760, -32.6890, -7.8010

Square

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



42.9990, 18.9360, -1.7680



37.4940, -13.6150, -12.0710



35.9280, -35.0280, -3.9560



44.6520, 10.2680, 12.1560

Rectangle

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



42.9990, 18.9360, -1.7680



41.1280, 5.0910, -9.6690



35.9280, -35.0280, -3.9560



44.2630, -7.7500, 8.2980

Sweetspot

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



42.9990, 18.9360, -1.7680



72.4800, 7.3360, -0.7920



33.6530, 17.6950, 15.2230



36.9250, 4.5850, -0.4950



168.0000, -0.0000, -0.0000



41.0000, 0.0000, -0.0000

Same Dimension

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



42.9990, 18.9360, -1.7680



52.2190, 29.9400, -2.9560



54.7390, 13.4360, -12.2280



29.4840, 1.5130, 0.1130



55.1080, 43.3740, -4.1300



129.7740, 102.6120, -9.4200

Inverse Universe

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



36.0010, -18.9360, 1.7680



40.7810, -29.9400, 2.9560



24.2610, -13.4360, 12.2280



28.9290, -1.2380, 0.4100



38.8920, -43.3740, 4.1300



92.2260, -102.6120, 9.4200

Previews

White Background



This preview shows how the YIQ color 42.9990, 18.9360, -1.7680 looks on a white background.

Color Contrast Check

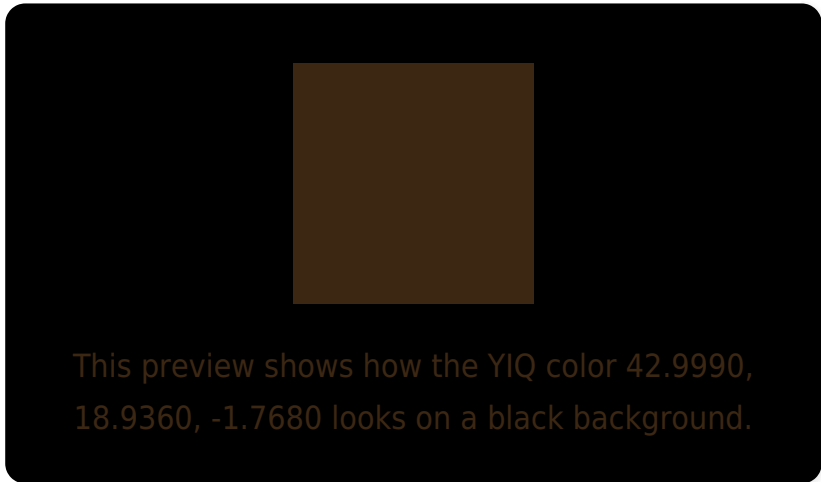
Large Text (above 18pt) WCAG AA ✓ Pass

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

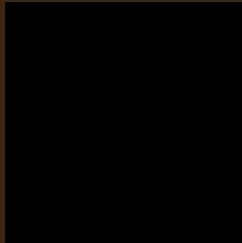
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 42.9990, 18.9360, -1.7680

Background



This preview shows how black text looks on a background with the YIQ color 42.9990, 18.9360, -1.7680.



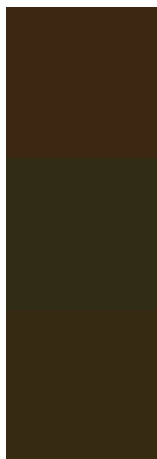
This preview shows how white text looks on a background with the YIQ color 42.9990, 18.9360,

-1.7680.

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

42.9990, 18.9360, -1.7680

Protanopia

42.8730, 10.3630, -6.0930

Deuteranopia

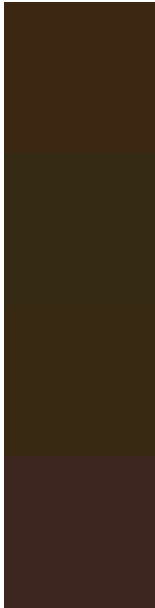
42.8520, 14.8560, -4.9200



Tritanopia

44.4040, 13.6620, 5.7100

Trichromacy



Original Color

42.9990, 18.9360, -1.7680

Protanomaly

42.7810, 13.6180, -4.5100

Deuteranomaly

42.8630, 16.3230, -3.9730

Tritanomaly

44.1930, 15.6340, 3.0100

Monochromacy



Original Color

42.9990, 18.9360, -1.7680

Achromatopsia

43.0000, -0.0000, -0.0000

Achromatomaly

43.1810, 6.7400, -1.0040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 42.9990, 18.9360, -1.7680 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(60, 39, 19)` looks like.

```
.text, #text, p{  
    color:rgb(60, 39, 19)  
}
```

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(60, 39, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 39, 19) }
```

Border

The CSS property to change the border of an element to YIQ 42.9990, 18.9360, -1.7680 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(60, 39, 19) }
```


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

```
.border{ border-color:rgb(60, 39, 19) }
```

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

Here you see how a box with a 4 pixel rgb(60, 39, 19) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 39, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 39, 19);  
box-shadow:4px 4px 4px 4px rgb(60, 39, 19)  
}
```

Background

The CSS property to change the background color of an element to YIQ 42.9990, 18.9360, -1.7680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 39, 19) }
```

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

```
.background{ background-color: rgb(60, 39,  
19) }
```

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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