

Converting Colors

YIQ(41.6340, 18.7060, 2.4020)

Have a look what the booklet for
YIQ(41.6340, 18.7060, 2.4020)
contains.

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Color

**YIQ(41.6340, 18.7060,
2.4020)**

Conversions

Conversions Part 1

Format	Color
Hex	3D2319
RGB	61, 35, 25
RGB Percent	24%, 14%, 10%
CMY	0.7607, 0.8628, 0.9019
CMYK	0.00, 0.43, 0.59, 0.76
HSL	17°, 42%, 17%
HSV	17°, 59%, 24%
XYZ	2.7017, 2.2642, 1.2155
YIQ	41.6340, 18.7060, 2.4020

Conversions

Conversions Part 2

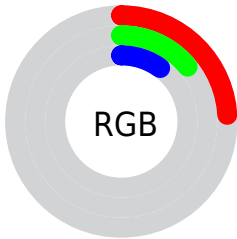
Format	Color
RYB	61, 39, 25
Decimal	4006681
CIELab	16.82, 11.14, 11.88
CIElCh	17, 16.289, 46.842
Yxy	2.2642, 0.4371, 0.3663
Android (android.graphics.Color)	4282196761 (0xFF3D2319)
YUV	41.6340, -8.2006, 16.9840
Hunter-Lab	15.0474, 5.7165, 5.7437

Details

The YIQ color **41.6340, 18.7060, 2.4020** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **44.3660, -18.7060, -2.4020**, and the grayscale version is **42.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **87.6020, 21.7320, 2.6280**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **38.6020, 21.7320, 2.6280**, and if you desaturate by 10%, it is **44.6660, 15.6800, 2.1760**.

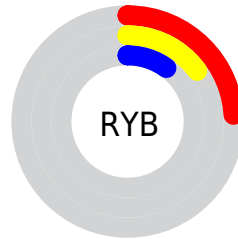
Distribution



 Red (24%)

 Green (14%)

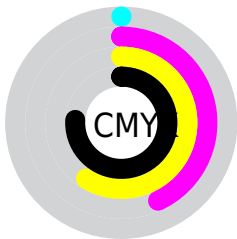
 Blue (10%)



 Red (24%)

 Yellow (15%)

 Blue (10%)

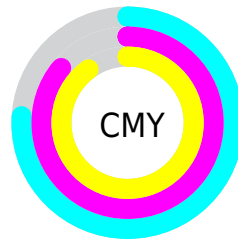


 Cyan (0%)

 Magenta (43%)

 Yellow (59%)

 Black (76%)



 Cyan (76%)

 Magenta (86%)

 Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 41.6340, 18.7060, 2.4020 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 41.6340, 18.7060, 2.4020 by changing the saturation by 10% instead.

■ 41.6340, 18.7060,
2.4020

■ 41.6340, 18.7060,
2.4020

■ 254.6580, 0.9630,
-0.9330

■ 19.8790, 19.3940,
0.9460

■ 87.6020, 21.7320,
2.6280

■ 0.0000, 0.0000,
0.0000

■ 112.2000, 22.9240,
3.0520

■ 137.6840, 24.4370,
3.1650

■ 163.9830, 25.0330,
3.3770

■ 191.4670, 26.5460,
3.4900

■ 218.7660, 27.1420,

3.7020

■ 241.3730, 14.9470,
-1.0610

■ 41.6340, 18.7060,
2.4020

■ 41.6340, 18.7060,
2.4020

■ 38.6020, 21.7320,
2.6280

■ 44.6660, 15.6800,
2.1760

■ 34.9830, 25.0330,
3.3770

■ 48.2850, 12.3790,
1.4270

■ 31.9510, 28.0590,
3.6030

■ 51.3170, 9.3530,
1.2010

■ 28.3320, 31.3600,
4.3520

■ 54.9360, 6.0520,
0.4520

■ 28.2180, 31.6810,
4.0410

■ 58.0820, 2.7050,
0.5370

■ 61.1140, -0.3210,
0.3110

■ 64.7330, -3.6220,
-0.4380

■ 67.7650, -6.6480,
-0.6640

■ 71.3840, -9.9490,
-1.4130

Harmonies

Analogous

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



41.9100, 18.1090, 7.7170



41.6340, 18.7060, 2.4020



40.9060, 14.7640, -3.2520

Triad

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



41.6340, 18.7060, 2.4020



35.5800, -16.7330, -10.6290



41.2410, -10.6840, 6.4040

Complementary

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



41.6340, 18.7060, 2.4020



44.3660, -18.7060, -2.4020

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.



36.7120, -25.4920, -0.5640



41.6340, 18.7060, 2.4020



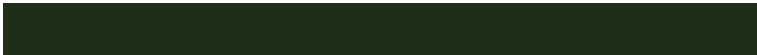
33.6480, -28.6080, -10.1760

Square

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



41.6340, 18.7060, 2.4020



38.5230, -3.3910, -10.1350



34.2010, -31.5430, -6.5430



42.8790, 2.1990, 9.7110

Rectangle

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



41.6340, 18.7060, 2.4020



40.4600, 10.0880, -6.6160



34.2010, -31.5430, -6.5430



40.3220, -15.4060, 3.8740

Sweetspot

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



41.6340, 18.7060, 2.4020



71.5340, 7.2440, 0.8760



38.7280, 13.1100, 15.7180



35.8650, 4.8140, 0.8620



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.



41.6340, 18.7060, 2.4020



48.5490, 29.2510, 4.0270



52.2000, 13.7560, -7.0120



28.8970, 1.7880, 0.6360



43.3680, 48.8740, 6.3300



102.1850, 115.5370, 15.1610

Inverse Universe

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



44.3660, -18.7060, -2.4020



53.4510, -29.2510, -4.0270



33.8000, -13.7560, 7.0120



29.5160, -1.5130, -0.1130



50.6320, -48.8740, -6.3300



119.2280, -115.2620, -14.6380

Previews

White Background



This preview shows how the YIQ color 41.6340, 18.7060, 2.4020 looks on a white background.

Color Contrast Check

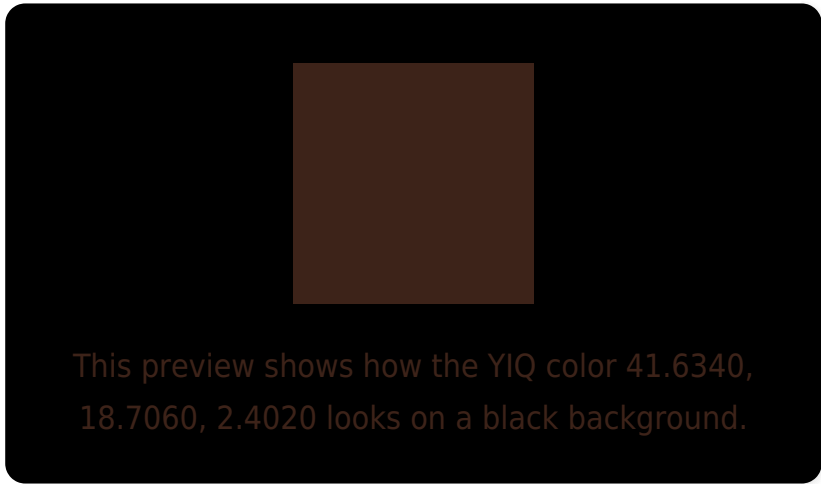
Large Text (above 18pt) WCAG AA ✓ Pass

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

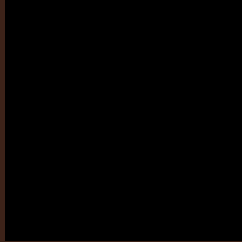
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 41.6340, 18.7060, 2.4020

Background



This preview shows how black text looks on a background with the YIQ color 41.6340, 18.7060, 2.4020.

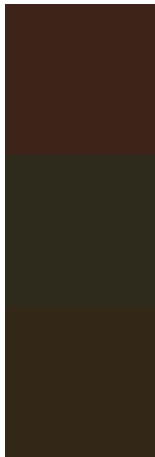


This preview shows how white text looks on a background with the YIQ color 41.6340, 18.7060,

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

41.6340, 18.7060, 2.4020

Protanopia

41.6000, 6.8780, -3.5060

Deuteranopia

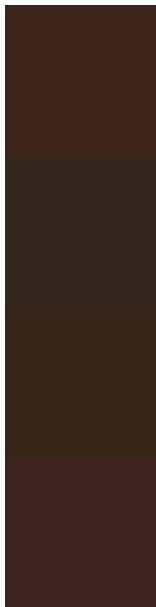
41.4650, 11.6920, -2.6440



Tritanopia

42.6000, 16.0460, 6.5580

Trichromacy



Original Color

41.6340, 18.7060, 2.4020

Protanomaly

41.2200, 11.0040, -1.1880

Deuteranomaly

41.4870, 14.6260, -0.7500

Tritanomaly

42.1440, 17.3300, 5.3140

Monochromacy



Original Color

41.6340, 18.7060, 2.4020

Achromatopsia

42.0000, -0.0000, -0.0000

Achromatomaly

41.6480, 6.9230, 1.1870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 41.6340, 18.7060, 2.4020 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(61, 35, 25)` looks like.

```
.text, #text, p{  
    color:rgb(61, 35, 25)  
}
```

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(61, 35, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 35, 25) }
```

Border

The CSS property to change the border of an element to YIQ 41.6340, 18.7060, 2.4020 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(61, 35, 25) }
```


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

```
.border{ border-color:rgb(61, 35, 25) }
```

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

Here you see how a box with a 4 pixel rgb(61, 35, 25) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 35, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 35, 25);  
box-shadow:4px 4px 4px 4px rgb(61, 35, 25)  
}
```

Background

The CSS property to change the background color of an element to YIQ 41.6340, 18.7060, 2.4020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 35, 25) }
```

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

```
.background{ background-color: rgb(61, 35,  
25) }
```

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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