

Converting Colors

YIQ(41.2920, 19.6690, 1.4690)

Have a look what the booklet for
YIQ(41.2920, 19.6690, 1.4690)
contains.

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Color

**YIQ(41.2920, 19.6690,
1.4690)**

Conversions

Conversions Part 1

Format	Color
Hex	3D2316
RGB	61, 35, 22
RGB Percent	24%, 14%, 9%
CMY	0.7607, 0.8628, 0.9136
CMYK	0.00, 0.43, 0.64, 0.76
HSL	20°, 47%, 16%
HSV	20°, 64%, 24%
XYZ	2.6711, 2.2520, 1.0541
YIQ	41.2920, 19.6690, 1.4690

Conversions

Conversions Part 2

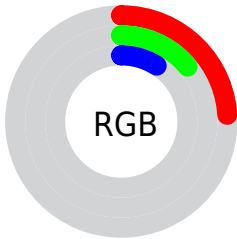
Format	Color
RYB	61, 42, 22
Decimal	4006678
CIELab	16.76, 10.82, 13.85
CIELCh	17, 17.577, 52.014
Yxy	2.2520, 0.4469, 0.3768
Android (android.graphics.Color)	4282196758 (0xFF3D2316)
YUV	41.2920, -9.5110, 17.2839
Hunter-Lab	15.0066, 5.5102, 6.3400

Details

The YIQ color **41.2920, 19.6690, 1.4690** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **41.7080, -19.6690, -1.4690**, and the grayscale version is **41.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **87.2600, 22.6950, 1.6950**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **38.2600, 22.6950, 1.6950**, and if you desaturate by 10%, it is **44.3240, 16.6430, 1.2430**.

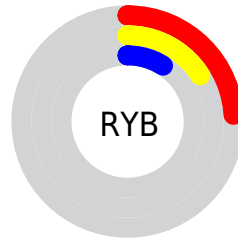
Distribution



Red (24%)

Green (14%)

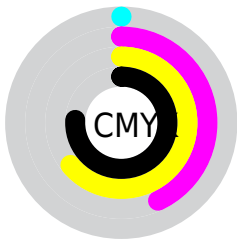
Blue (9%)



Red (24%)

Yellow (16%)

Blue (9%)

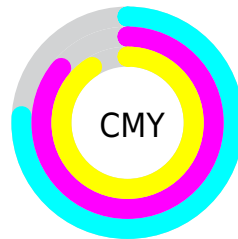


Cyan (0%)

Magenta (43%)

Yellow (64%)

Black (76%)



Cyan (76%)

Magenta (86%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 41.2920, 19.6690, 1.4690 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 41.2920, 19.6690, 1.4690 by changing the saturation by 10% instead.

■ 41.2920, 19.6690,
1.4690

■ 41.2920, 19.6690,
1.4690

■ 254.2020, 2.2470,
-2.1770

■ 19.8790, 19.3940,
0.9460

■ 87.2600, 22.6950,
1.6950

■ 0.0000, 0.0000,
0.0000

■ 112.0430, 24.8040,
2.0200

■ 137.3420, 25.4000,
2.2320

■ 163.8260, 26.9130,
2.3450

■ 191.0110, 27.8300,
2.2460

■ 218.7230, 28.7010,

2.9810

■ 240.9170, 16.2310,
-2.3050

■ 41.2920, 19.6690,
1.4690

■ 41.2920, 19.6690,
1.4690

■ 38.2600, 22.6950,
1.6950

■ 44.3240, 16.6430,
1.2430

■ 35.2280, 25.7210,
1.9210

■ 47.3560, 13.6170,
1.0170

■ 32.1960, 28.7470,
2.1470

■ 50.3880, 10.5910,
0.7910

■ 29.9790, 30.8560,
2.4720

■ 53.4200, 7.5650,
0.5650

■ 56.5660, 4.2180,
0.6500

■ 59.5980, 1.1920,
0.4240

■ 62.6300, -1.8340,
0.1980

■ 66.2490, -5.1350,
-0.5510

■ 69.2810, -8.1610,
-0.7770

Harmonies

Analogous

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



41.9810, 19.3470, 7.3070



41.2920, 19.6690, 1.4690



40.2650, 15.1310, -4.3970

Triad

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



41.2920, 19.6690, 1.4690



33.8890, -22.0970, -12.5370



41.3660, -9.5380, 7.6620

Complementary

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



41.2920, 19.6690, 1.4690



41.7080, -19.6690, -1.4690

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.



36.9400, -26.1340, 0.0580



41.2920, 19.6690, 1.4690



33.8760, -29.2500, -9.5540

Square

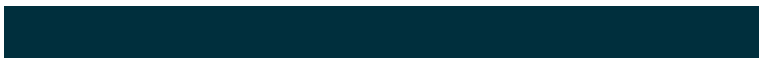
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



41.2920, 19.6690, 1.4690



37.3270, -5.7750, -10.9830



34.5430, -32.5060, -5.6100



43.1890, 4.2620, 10.8700

Rectangle

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



41.2920, 19.6690, 1.4690



39.6340, 9.5380, -7.6620



34.5430, -32.5060, -5.6100



40.5610, -14.5810, 5.4430

Sweetspot

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



41.2920, 19.6690, 1.4690



71.4200, 7.5650, 0.5650



36.7390, 14.5770, 16.6650



36.3380, 4.8600, 0.0280



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.



41.2920, 19.6690, 1.4690



47.9790, 30.8560, 2.4720



52.4450, 14.4440, -8.4680



29.4840, 1.5130, 0.1130



46.3030, 47.4990, 3.7150



109.8160, 111.9620, 8.3620

Inverse Universe

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



41.7080, -19.6690, -1.4690



49.0210, -30.8560, -2.4720



30.5550, -14.4440, 8.4680



29.5160, -1.5130, -0.1130



47.6970, -47.4990, -3.7150



112.1840, -111.9620, -8.3620

Previews

White Background



This preview shows how the YIQ color 41.2920, 19.6690, 1.4690 looks on a white background.

Color Contrast Check

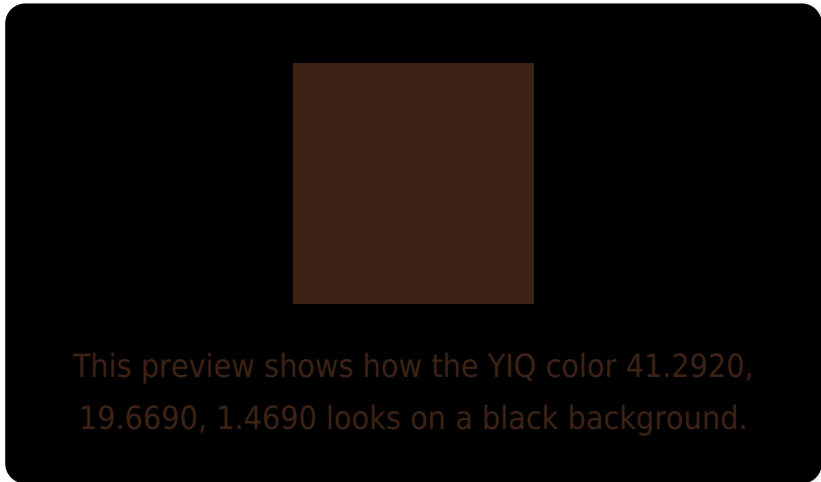
Large Text (above 18pt) WCAG AA ✓ Pass

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

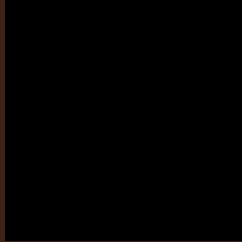
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 41.2920, 19.6690, 1.4690

Background



This preview shows how black text looks on a background with the YIQ color 41.2920, 19.6690, 1.4690.

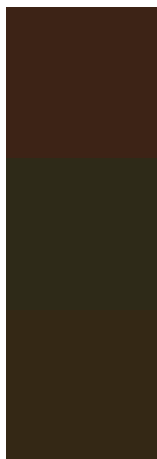


This preview shows how white text looks on a background with the YIQ color 41.2920, 19.6690,

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

41.2920, 19.6690, 1.4690

Protanopia

41.1440, 8.1620, -4.7500

Deuteranopia

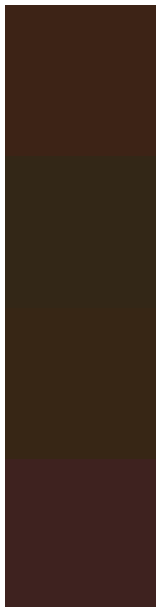
41.4220, 13.2510, -3.3650



Tritanopia

42.0130, 16.3210, 7.0810

Trichromacy



Original Color

41.2920, 19.6690, 1.4690

Protanomaly

40.7640, 12.2880, -2.4320

Deuteranomaly

41.1450, 15.5890, -1.6830

Tritanomaly

42.0300, 17.6510, 5.0030

Monochromacy



Original Color

41.2920, 19.6690, 1.4690

Achromatopsia

41.0000, 0.0000, -0.0000

Achromatomaly

41.1210, 6.9690, 0.3530

CSS Examples

Text

The CSS property to change the color of the text to YIQ 41.2920, 19.6690, 1.4690 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, 22)` looks like.

```
.text, #text, p{  
    color:rgb(61, 35, 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(61, 35, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 35, 22) }
```

Border

The CSS property to change the border of an element to YIQ 41.2920, 19.6690, 1.4690 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, 22) }
```


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

```
.border{ border-color:rgb(61, 35, 22) }
```

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, 22) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 35, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 35, 22);  
box-shadow:4px 4px 4px 4px rgb(61, 35, 22)  
}
```

Background

The CSS property to change the background color of an element to YIQ 41.2920, 19.6690, 1.4690 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, 22) }
```

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

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