

Converting Colors

YIQ(67.3980, 49.3300, 20.0980)

Have a look what the booklet for
YIQ(67.3980, 49.3300, 20.0980)
contains.

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Color

**YIQ(67.3980, 49.3300,
20.0980)**

Conversions

Conversions Part 1

Format	Color
Hex	7F292F
RGB	127, 41, 47
RGB Percent	50%, 16%, 18%
CMY	0.5018, 0.8393, 0.8155
CMYK	0.00, 0.68, 0.63, 0.50
HSL	356°, 51%, 33%
HSV	356°, 68%, 50%
XYZ	10.0661, 6.3051, 3.3809
YIQ	67.3980, 49.3300, 20.0980

Conversions

Conversions Part 2

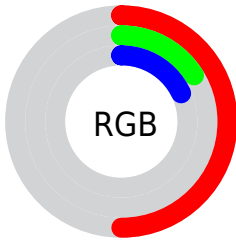
Format	Color
R_{YB}	127, 41, 47
Decimal	8333615
CIE _{Lab}	30.17, 37.55, 16.74
CIE _{LCh}	30, 41.117, 24.025
Yxy	6.3051, 0.5096, 0.3192
Android (android.graphics.Color)	4286523695 (0xFF7F292F)
YUV	67.3980, -10.0562, 52.2710
Hunter-Lab	25.1100, 27.6145, 9.5939

Details

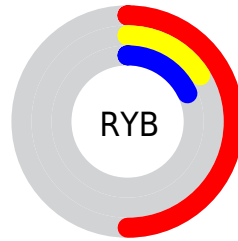
The YIQ color **67.3980, 49.3300, 20.0980** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **100.6020, -49.3300, -20.0980**, and the grayscale version is **67.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **119.0350, 54.7860, 20.3380**, and **21.8270, 43.5080, 15.4760** is the 20% darker color. If you saturate the color by 10%, you get **58.3990, 56.7570, 23.1650**, and if you desaturate by 10%, it is **76.3970, 41.9030, 17.0310**.

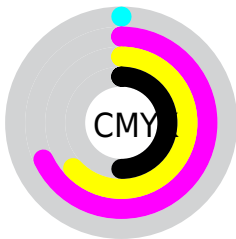
Distribution



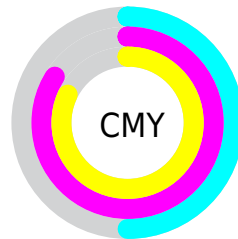
- Red (50%)
- Green (16%)
- Blue (18%)



- Red (50%)
- Yellow (16%)
- Blue (18%)



- Cyan (0%)
- Magenta (68%)
- Yellow (63%)
- Black (50%)



- Cyan (50%)
- Magenta (84%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 67.3980, 49.3300, 20.0980 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 67.3980, 49.3300, 20.0980 by changing the saturation by 10% instead.

67.3980, 49.3300,
20.0980

67.3980, 49.3300,
20.0980

255.0000, -0.0000,
-0.0000

40.1960, 47.0830,
22.2750

119.0350, 54.7860,
20.3380

21.8270, 43.5080,
15.4760

146.0030, 57.8120,
20.5640

14.5800, 27.9660,
10.7980

173.4870, 59.3250,
20.6770

0.0000, 0.0000,
0.0000

196.0020, 50.3850,
17.4970

215.5160, 34.0180,
11.2500

235.1440, 17.3300,

5.3140

254.7720, 0.6420,
-0.6220

■ 67.3980, 49.3300,
20.0980

■ 67.3980, 49.3300,
20.0980

■ 58.3990, 56.7570,
23.1650

■ 76.3970, 41.9030,
17.0310

■ 49.9870, 63.9090,
25.7090

■ 84.8090, 34.7510,
14.4870

■ 41.1020, 71.0150,
29.0870

■ 93.6940, 27.6450,
11.1090

■ 38.9990, 72.8030,
29.7230

■ 102.6930, 20.2180,
8.0420

■ 111.1050, 13.0660,
5.4980

■ 120.1040, 5.6390,
2.4310

■ 129.1030, -1.7880,
-0.6360

■ 138.1020, -9.2150,
-3.7030

■ 146.4000,
-16.0460, -6.5580

Harmonies

Analogous

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



68.9750, 37.8200, 30.4600



67.3980, 49.3300, 20.0980



68.1350, 47.9120, 1.7360

Triad

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



67.3980, 49.3300, 20.0980



55.8430, -25.6240, -31.2240



60.5890, -64.5100, 1.7140

Complementary

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



67.3980, 49.3300, 20.0980



100.6020, -49.3300, -20.0980

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.



62.6290, -61.9870, -5.4670



67.3980, 49.3300, 20.0980



57.0770, -43.5980, -24.8620

Square

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



67.3980, 49.3300, 20.0980



63.5520, 14.8600, -27.0280



61.4260, -54.4660, -15.1220



70.0180, -25.6330, 18.5190

Rectangle

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



67.3980, 49.3300, 20.0980



66.9950, 41.9540, -11.4380



61.4260, -54.4660, -15.1220



61.5350, -64.4180, 0.0460

Sweetspot

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



67.3980, 49.3300, 20.0980



143.0950, 19.0260, 7.6180



74.4250, 19.4780, 43.4940



70.0940, 11.5990, 4.5510



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000

Same Dimension

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



67.3980, 49.3300, 20.0980



72.5050, 77.2500, 31.7300



87.8460, 41.3560, -0.5960



59.2070, 3.8510, 1.7950



39.2980, 73.3990, 29.9350



0.0000, 0.0000, 0.0000

Inverse Universe

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



67.3980, 49.3300, 20.0980



72.5050, 77.2500, 31.7300



80.1540, -41.3560, 0.5960



59.2070, 3.8510, 1.7950



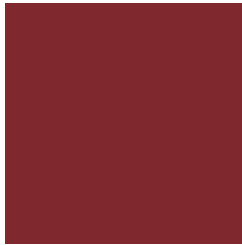
39.2980, 73.3990, 29.9350



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 67.3980, 49.3300, 20.0980 looks on a white background.

Color Contrast Check

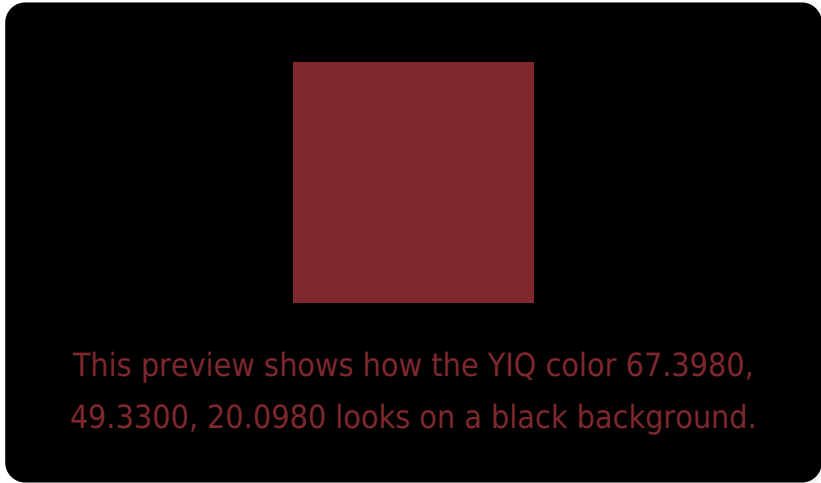
Large Text (above 18pt) WCAG AA ✓ Pass

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

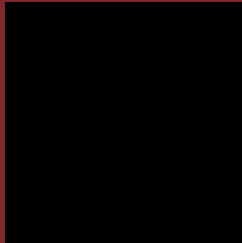
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 67.3980, 49.3300, 20.0980

Background



This preview shows how black text looks on a background with the YIQ color 67.3980, 49.3300, 20.0980.

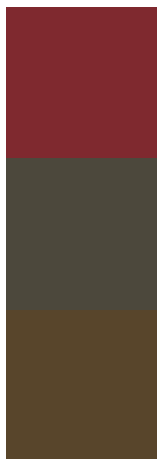


This preview shows how white text looks on a background with the YIQ color 67.3980, 49.3300,

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

67.3980, 49.3300, 20.0980

Protanopia

71.8280, 6.2360, -2.8840

Deuteranopia

71.7170, 19.6700, -4.0580



Tritanopia

67.6430, 50.0180, 18.6420

Trichromacy



Original Color

67.3980, 49.3300, 20.0980

Protanomaly

70.4820, 22.1900, 5.3420

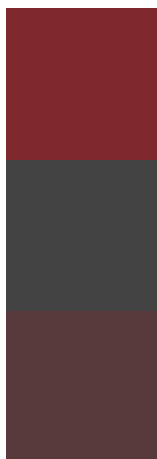
Deuteranomaly

70.1470, 30.4430, 4.4510

Tritanomaly

67.7570, 49.6970, 18.9530

Monochromacy



Original Color

67.3980, 49.3300, 20.0980

Achromatopsia

67.0000, -0.0000, -0.0000

Achromatomaly

67.4970, 17.8340, 7.1940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 67.3980, 49.3300, 20.0980 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(127, 41, 47)` looks like.

```
.text, #text, p{  
    color:rgb(127, 41, 47)  
}
```

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(127, 41, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 41, 47) }
```

Border

The CSS property to change the border of an element to YIQ 67.3980, 49.3300, 20.0980 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(127, 41, 47) }
```


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

```
.border{ border-color:rgb(127, 41, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 41, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 41, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 41, 47);  
box-shadow:4px 4px 4px 4px rgb(127, 41,  
47) }
```

Background

The CSS property to change the background color of an element to YIQ 67.3980, 49.3300, 20.0980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 41, 47) }
```

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

```
.background{ background-color: rgb(127, 41,  
47) }
```

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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