

Converting Colors

YIQ(47.9680, 47.7250, 21.6530)

Have a look what the booklet for
YIQ(47.9680, 47.7250, 21.6530)
contains.

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Color

**YIQ(47.9680, 47.7250,
21.6530)**

Conversions

Conversions Part 1

Format	Color
Hex	6B1520
RGB	107, 21, 32
RGB Percent	42%, 8%, 13%
CMY	0.5802, 0.9178, 0.8743
CMYK	0.00, 0.80, 0.70, 0.58
HSL	352°, 67%, 25%
HSV	352°, 80%, 42%
XYZ	6.5987, 3.7687, 1.7494
YIQ	47.9680, 47.7250, 21.6530

Conversions

Conversions Part 2

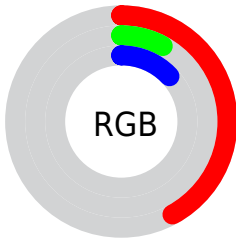
Format	Color
RYB	107, 21, 32
Decimal	7017760
CIELab	22.89, 37.86, 16.59
CIELCh	23, 41.338, 23.657
Yxy	3.7687, 0.5446, 0.3110
Android (android.graphics.Color)	4285207840 (0xFF6B1520)
YUV	47.9680, -7.8722, 51.7711
Hunter-Lab	19.4131, 26.7013, 8.2462

Details

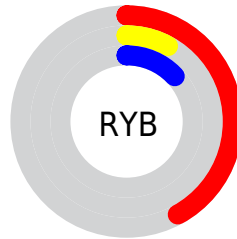
The YIQ color **47.9680, 47.7250, 21.6530** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **80.0320, -47.7250, -21.6530**, and the grayscale version is **48.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **100.2520, 52.6770, 20.0130**, and **16.1460, 32.1840, 11.4480** is the 20% darker color. If you saturate the color by 10%, you get **40.4850, 53.6390, 24.6070**, and if you desaturate by 10%, it is **55.4510, 41.8110, 18.6990**.

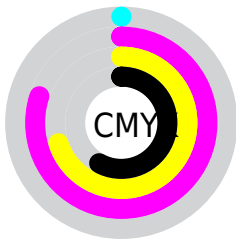
Distribution



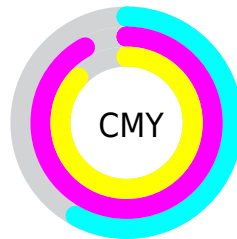
- Red (42%)
- Green (8%)
- Blue (13%)



- Red (42%)
- Yellow (8%)
- Blue (13%)



- Cyan (0%)
- Magenta (80%)
- Yellow (70%)
- Black (58%)



- Cyan (58%)
- Magenta (92%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 47.9680, 47.7250, 21.6530 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 47.9680, 47.7250, 21.6530 by changing the saturation by 10% instead.

47.9680, 47.7250,
21.6530

47.9680, 47.7250,
21.6530

255.0000, -0.0000,
-0.0000

24.9460, 44.7910,
19.7590

100.5510, 53.2730,
20.2250

16.1460, 32.1840,
11.4480

126.6330, 55.9780,
20.7620

5.0830, 10.1320,
3.6040

153.4160, 58.0870,
21.0870


0.0000, 0.0000,
0.0000


181.0850, 60.5170,
21.1010


200.9090, 46.2130,
16.0130


220.5370, 29.5250,


10.0770


 240.7520, 12.5620,
3.6180


 47.9680, 47.7250,
21.6530


 47.9680, 47.7250,
21.6530


 40.4850, 53.6390,
24.6070


 55.4510, 41.8110,
18.6990

 33.5890, 59.2780,
27.0380

 62.4610, 35.8510,
16.5790

 69.9440, 29.9370,
13.6250

 77.4270, 24.0230,
10.6710

 84.4370, 18.0630,
8.5510

■ 91.9200, 12.1490,
5.5970

■ 99.4030, 6.2350,
2.6430

■ 107.0000, -0.0000,
0.0000

■ 113.8960, -5.6390,
-2.4310

Harmonies

Analogous

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



48.5560, 37.6820, 32.9620



47.9680, 47.7250, 21.6530



50.1240, 46.4450, 0.7890

Triad

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



47.9680, 47.7250, 21.6530



39.7510, -22.3690, -29.6410



48.4440, -53.7360, 4.6960

Complementary

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



47.9680, 47.7250, 21.6530



80.0320, -47.7250, -21.6530

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.



50.5980, -51.5340, -2.1740



47.9680, 47.7250, 21.6530



45.2740, -33.7870, -20.9470

Square

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



47.9680, 47.7250, 21.6530



48.6750, 10.3200, -21.8400



48.9220, -44.0590, -10.9950



52.2950, -27.9710, 16.8370

Rectangle

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



47.9680, 47.7250, 21.6530



52.1070, 35.9470, -7.1970



48.9220, -44.0590, -10.9950



49.9770, -53.9190, 2.5050

Sweetspot

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



47.9680, 47.7250, 21.6530



117.3230, 18.3840, 8.2400



53.2290, 17.0940, 42.6460



57.2080, 11.2780, 4.8620



199.0000, -0.0000, 0.0000



71.0000, -0.0000, -0.0000

Same Dimension

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



47.9680, 47.7250, 21.6530



48.0040, 74.4070, 33.6950



65.4980, 42.4560, 1.4960



49.9080, 3.2550, 1.5830



36.6930, 64.9170, 29.4690



76.7890, 136.0690, 61.5810

Inverse Universe

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



47.9680, 47.7250, 21.6530



48.0040, 74.4070, 33.6950



62.5020, -42.4560, -1.4960



49.9080, 3.2550, 1.5830



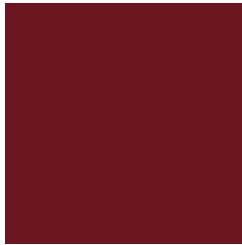
36.6930, 64.9170, 29.4690



76.7890, 136.0690, 61.5810

Previews

White Background



This preview shows how the YIQ color 47.9680, 47.7250, 21.6530 looks on a white background.

Color Contrast Check

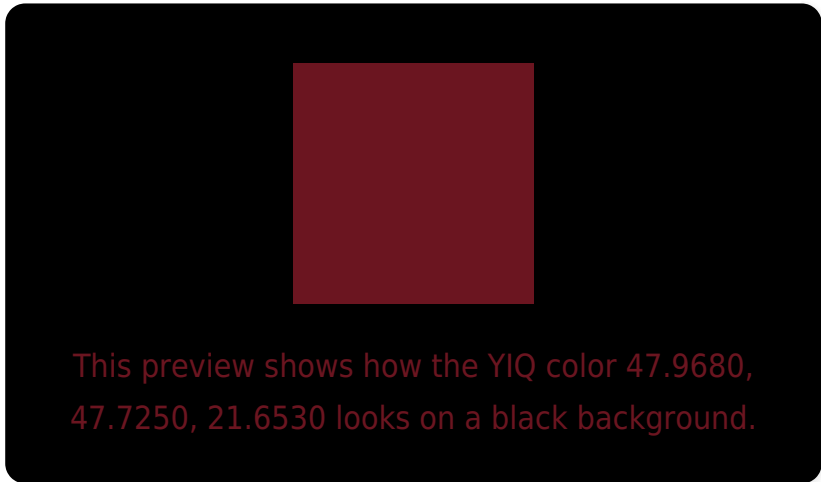
Large Text (above 18pt) WCAG AA ✓ Pass

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

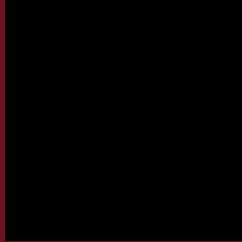
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 47.9680, 47.7250, 21.6530

Background



This preview shows how black text looks on a background with the YIQ color 47.9680, 47.7250, 21.6530.



This preview shows how white text looks on a background with the YIQ color 47.9680, 47.7250,

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

47.9680, 47.7250, 21.6530

Protanopia

56.5290, 5.6400, -3.0960

Deuteranopia

55.7060, 18.2030, -5.0050



Tritanopia

48.1160, 50.0640, 17.8080

Trichromacy



Original Color

47.9680, 47.7250, 21.6530

Protanomaly

53.4110, 20.9520, 5.7520

Deuteranomaly

52.7770, 28.6090, 4.6490

Tritanomaly

47.8710, 49.3760, 19.2640

Monochromacy



Original Color

47.9680, 47.7250, 21.6530

Achromatopsia

48.0000, -0.0000, 0.0000

Achromatomaly

47.7250, 17.1920, 7.8160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 47.9680, 47.7250, 21.6530 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(107, 21, 32)` looks like.

```
.text, #text, p{  
    color:rgb(107, 21, 32)  
}
```

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(107, 21, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 21, 32) }
```

Border

The CSS property to change the border of an element to YIQ 47.9680, 47.7250, 21.6530 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(107, 21, 32) }
```


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

```
.border{ border-color:rgb(107, 21, 32) }
```

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

Here you see how a box with a 4 pixel rgb(107, 21, 32) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 21, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 21, 32);  
box-shadow:4px 4px 4px 4px rgb(107, 21,  
32) }
```

Background

The CSS property to change the background color of an element to YIQ 47.9680, 47.7250, 21.6530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 21, 32) }
```

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

```
.background{ background-color: rgb(107, 21,  
32) }
```

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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