

Converting Colors

YIQ(70.1840, 64.5520, 19.5600)

Have a look what the booklet for
YIQ(70.1840, 64.5520, 19.5600)
contains.

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Color

**YIQ(70.1840, 64.5520,
19.5600)**

Conversions

Conversions Part 1

Format	Color
Hex	902820
RGB	144, 40, 32
RGB Percent	56%, 16%, 13%
CMY	0.4351, 0.8433, 0.8742
CMYK	0.00, 0.72, 0.78, 0.44
HSL	4°, 64%, 35%
HSV	4°, 78%, 56%
XYZ	12.5313, 7.5541, 2.1689
YIQ	70.1840, 64.5520, 19.5600

Conversions

Conversions Part 2

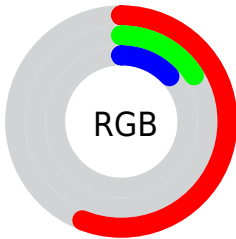
Format	Color
R_{YB}	144, 41, 32
Decimal	9447456
CIE Lab	33.04, 43.12, 30.33
CIE LCh	33, 52.716, 35.124
Yxy	7.5541, 0.5631, 0.3394
Android (android.graphics.Color)	4287637536 (0xFF902820)
YUV	70.1840, -18.8247, 64.7366
Hunter-Lab	27.4848, 33.2864, 14.5606

Details

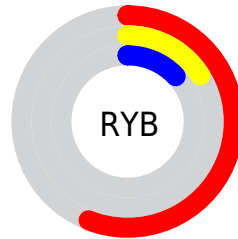
The YIQ color **70.1840, 64.5520, 19.5600** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **105.8160, -64.5520, -19.5600**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **123.7780, 71.5670, 19.0790**, and **25.7140, 51.2560, 18.2320** is the 20% darker color. If you saturate the color by 10%, you get **60.9570, 72.6210, 22.0050**, and if you desaturate by 10%, it is **79.4110, 56.4830, 17.1150**.

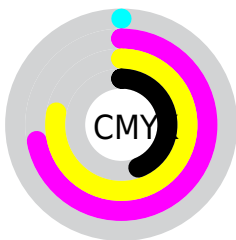
Distribution



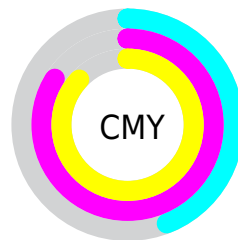
- Red (56%)
- Green (16%)
- Blue (13%)



- Red (56%)
- Yellow (16%)
- Blue (13%)



- Cyan (0%)
- Magenta (72%)
- Yellow (78%)
- Black (44%)



- Cyan (44%)
- Magenta (84%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 70.1840, 64.5520, 19.5600 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 70.1840, 64.5520, 19.5600 by changing the saturation by 10% instead.

■ 70.1840, 64.5520,
19.5600

■ 70.1840, 64.5520,
19.5600

255.0000, -0.0000,
-0.0000

■ 39.6340, 63.4050,
23.8290

■ 123.7780, 71.5670,
19.0790

■ 25.7140, 51.2560,
18.2320

■ 151.3330, 74.3180,
18.7820

■ 17.6410, 35.1640,
12.5080

■ 176.3110, 71.3840,
16.8880

■ 7.8880, 15.1750,
5.8230

■ 195.1240, 55.6130,
10.8530

■ 0.0000, 0.0000,
0.0000

■ 214.6380, 39.2460,
4.6060

■ 234.8530, 22.2830,

-1.8530

252.7200, 6.4200,
-6.2200

70.1840, 64.5520,
19.5600

70.1840, 64.5520,
19.5600

60.9570, 72.6210,
22.0050

79.4110, 56.4830,
17.1150

51.0290, 81.2860,
24.6620

89.3390, 47.8180,
14.4580

48.9260, 83.0740,
25.2980

98.5660, 39.7490,
12.0130

108.4940, 31.0840,
9.3560

117.7210, 23.0150,
6.9110

■ 127.0620, 14.6250,
4.7770

■ 136.8760, 6.2810,
1.8090

■ 146.1030, -1.7880,
-0.6360

■ 155.4440,
-10.1780, -2.7700

Harmonies

Analogous

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



66.8470, 59.0920, 41.4280



70.1840, 64.5520, 19.5600



72.8720, 55.6620, -6.5620

Triad

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



70.1840, 64.5520, 19.5600



59.7380, -38.6900, -36.7220



66.0150, -74.2770, 8.0190

Complementary

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



70.1840, 64.5520, 19.5600



105.8160, -64.5520, -19.5600

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.



70.9730, -74.4590, 0.3010



70.1840, 64.5520, 19.5600



65.9280, -53.3640, -24.0840

Square

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



70.1840, 64.5520, 19.5600



64.8120, 2.0240, -36.6960



70.0150, -66.2500, -10.8100



79.1540, -13.8520, 30.7880

Rectangle

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



70.1840, 64.5520, 19.5600



73.6370, 39.8460, -17.2900



70.0150, -66.2500, -10.8100



68.2490, -75.0560, 5.6160

Sweetspot

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



70.1840, 64.5520, 19.5600



157.6180, 24.8030, 7.5470



77.4580, 33.0470, 56.3990



76.9480, 14.9460, 4.4660



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



70.1840, 64.5520, 19.5600



71.7710, 99.8080, 30.4000



103.0560, 49.1520, -9.7280



66.6800, 3.8970, 0.9610



46.2350, 77.7100, 23.3900



2.9790, 4.4930, 1.1730

Inverse Universe

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



105.8160, -64.5520, -19.5600



127.2290, -99.8080, -30.4000



73.5310, -49.4270, 9.2050



68.9070, -4.1720, -1.4840



89.3520, -77.9850, -23.9130



5.0210, -4.4930, -1.1730

Previews

White Background



This preview shows how the YIQ color 70.1840, 64.5520, 19.5600 looks on a white background.

Color Contrast Check

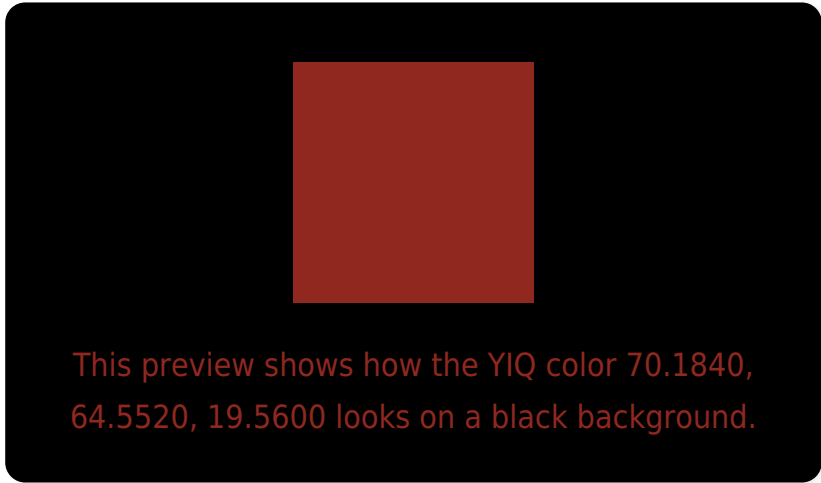
Large Text (above 18pt) WCAG AA ✓ Pass

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 70.1840, 64.5520, 19.5600

Background



This preview shows how black text looks on a background with the YIQ color 70.1840, 64.5520, 19.5600.



This preview shows how white text looks on a background with the YIQ color 70.1840, 64.5520,

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

70.1840, 64.5520, 19.5600

Protanopia

77.4020, 16.0030, -9.1890

Deuteranopia

76.3620, 30.6750, -10.7730



Tritanopia

70.5090, 62.2590, 22.5710

Trichromacy



Original Color

70.1840, 64.5520, 19.5600

Protanomaly

75.0070, 33.6530, 1.3410

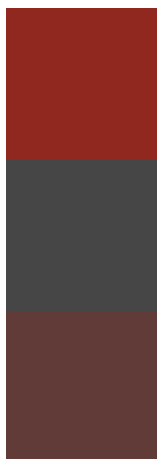
Deuteranomaly

73.8570, 42.8230, 0.3510

Tritanomaly

70.1670, 63.2220, 21.6380

Monochromacy



Original Color

70.1840, 64.5520, 19.5600

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

70.0200, 23.6110, 7.1230

CSS Examples

Text

The CSS property to change the color of the text to YIQ 70.1840, 64.5520, 19.5600 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(144, 40, 32)` looks like.

```
.text, #text, p{  
    color:rgb(144, 40, 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(144, 40, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 40, 32) }
```

Border

The CSS property to change the border of an element to YIQ 70.1840, 64.5520, 19.5600 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(144, 40, 32) }
```


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

```
.border{ border-color:rgb(144, 40, 32) }
```

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

Here you see how a box with a 4 pixel rgb(144, 40, 32) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 40, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 40, 32);  
box-shadow:4px 4px 4px 4px rgb(144, 40,  
32) }
```

Background

The CSS property to change the background color of an element to YIQ 70.1840, 64.5520, 19.5600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 40, 32) }
```

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

```
.background{ background-color: rgb(144, 40,  
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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