

Converting Colors

YIQ(51.9660, 6.5080, 14.2200)

Have a look what the booklet for
YIQ(51.9660, 6.5080, 14.2200)
contains.

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Color

**YIQ(51.9660, 6.5080,
14.2200)**

Conversions

Conversions Part 1

Format	Color
Hex	432945
RGB	67, 41, 69
RGB Percent	26%, 16%, 27%
CMY	0.7372, 0.8393, 0.7294
CMYK	0.03, 0.41, 0.00, 0.73
HSL	296°, 25%, 22%
HSV	296°, 41%, 27%
XYZ	4.1829, 3.2088, 6.0293
YIQ	51.9660, 6.5080, 14.2200

Conversions

Conversions Part 2

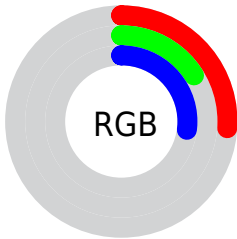
Format	Color
R_{YB}	67, 41, 69
Decimal	4401477
CIE _{Lab}	20.86, 17.64, -12.68
CIE _{LCh}	21, 21.725, 324.303
Yxy	3.2088, 0.3117, 0.2391
Android (android.graphics.Color)	4282591557 (0xFF432945)
YUV	51.9660, 8.3978, 13.1848
Hunter-Lab	17.9132, 10.3334, -7.4169

Details

The YIQ color **51.9660, 6.5080, 14.2200** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **58.0340, -6.5080, -14.2200**, and the grayscale version is **52.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **99.0910, 7.6540, 15.4780**, and **10.7380, 7.1500, 13.5980** is the 20% darker color. If you saturate the color by 10%, you get **47.8570, 8.4330, 17.8810**, and if you desaturate by 10%, it is **56.3740, 5.1790, 10.7710**.

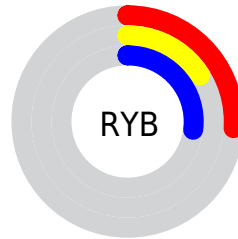
Distribution



Red (26%)

Green (16%)

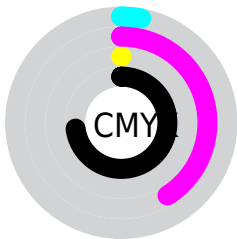
Blue (27%)



Red (26%)

Yellow (16%)

Blue (27%)

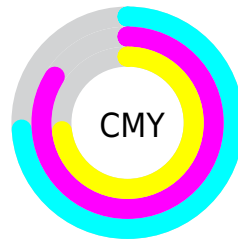


Cyan (3%)

Magenta (41%)

Yellow (0%)

Black (73%)



Cyan (74%)

Magenta (84%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 51.9660, 6.5080, 14.2200 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 51.9660, 6.5080, 14.2200 by changing the saturation by 10% instead.

■ 51.9660, 6.5080,
14.2200

■ 51.9660, 6.5080,
14.2200

■ 255.0000, -0.0000,
-0.0000

■ 30.2540, 5.6370,
13.4850

■ 99.0910, 7.6540,
15.4780

■ 10.7380, 7.1500,
13.5980

■ 123.6180, 7.6080,
16.3120

■ 0.0000, 0.0000,
0.0000

■ 149.9170, 8.2040,
16.5240

■ 176.4440, 8.1580,
17.3580

■ 204.1560, 9.0290,
18.0930

■ 232.1560, 9.0290,

18.0930

250.3040, 2.2000,
4.1840

51.9660, 6.5080,
14.2200

51.9660, 6.5080,
14.2200

47.8570, 8.4330,
17.8810

56.3740, 5.1790,
10.7710

43.4490, 9.7620,
21.3300

60.4830, 3.2540,
7.1100

39.3400, 11.6870,
24.9910

64.5920, 1.3290,
3.4490

34.9320, 13.0160,
28.4400

69.0000, -0.0000,
-0.0000

30.8230, 14.9410,
32.1010

72.5220, -1.6500,
-3.1380

■ 27.0020, 15.9950,
35.0270

■ 76.9300, -2.9790,
-6.5870

■ 81.0390, -4.9040,
-10.2480

■ 85.4470, -6.2330,
-13.6970

■ 89.5560, -8.1580,
-17.3580

Harmonies

Analogous

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



50.3490, -10.8680, 9.7400



51.9660, 6.5080, 14.2200



51.1970, 18.9790, 13.9790

Triad

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



51.9660, 6.5080, 14.2200



48.7660, 17.9740, -6.3620



41.2280, -36.1730, -10.7410

Complementary

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



51.9660, 6.5080, 14.2200



58.0340, -6.5080, -14.2200

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.



39.2900, -30.7160, -16.0280



51.9660, 6.5080, 14.2200



47.4440, 7.0170, -11.5350

Square

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



51.9660, 6.5080, 14.2200



49.6300, 24.5290, 1.4970



44.4790, -9.2590, -13.9230



41.5360, -39.7960, -5.6520

Rectangle

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



51.9660, 6.5080, 14.2200



50.5410, 23.7020, 10.9820



44.4790, -9.2590, -13.9230



40.6580, -34.5680, -12.2960

Sweetspot

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



51.9660, 6.5080, 14.2200



82.8310, 2.1540, 5.0180



45.3660, -9.5380, 7.6620



41.5920, 1.3290, 3.4490



173.0000, -0.0000, 0.0000



46.0000, 0.0000, -0.0000

Same Dimension

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



51.9660, 6.5080, 14.2200



62.8620, 10.0370, 21.8530



51.1960, 11.5520, 10.9120



33.3530, 0.5040, 1.8800



38.7940, 23.0530, 50.2930



88.9670, 52.8890, 115.3290

Inverse Universe

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



49.6000, 16.0460, 6.5580



59.1990, 24.6650, 10.0490



58.8040, -11.5520, -10.9120



33.1960, 2.3840, 0.8480



30.3990, 56.7570, 23.1650



69.6970, 130.1560, 53.1000

Previews

White Background



This preview shows how the YIQ color 51.9660, 6.5080, 14.2200 looks on a white background.

Color Contrast Check

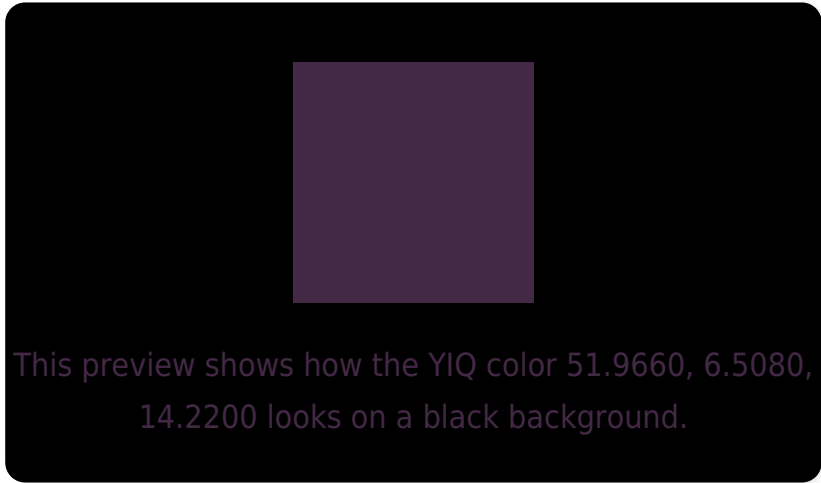
Large Text (above 18pt) WCAG AA ✓ Pass

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

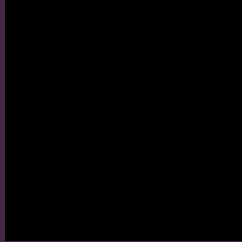
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 51.9660, 6.5080, 14.2200

Background



This preview shows how black text looks on a background with the YIQ color 51.9660, 6.5080, 14.2200.



This preview shows how white text looks on a background with the YIQ color 51.9660, 6.5080,

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

51.9660, 6.5080, 14.2200

Protanopia

50.5720, -13.1140, 6.3900

Deuteranopia

50.7420, -7.8410, 4.4390



Tritanopia

51.1370, 10.0400, 5.2720

Trichromacy



Original Color

51.9660, 6.5080, 14.2200

Protanomaly

51.1600, -5.9620, 8.9340

Deuteranomaly

51.4870, -2.5690, 8.0150

Tritanomaly

51.6470, 8.6640, 8.1840

Monochromacy



Original Color

51.9660, 6.5080, 14.2200

Achromatopsia

52.0000, -0.0000, -0.0000

Achromatomaly

51.8310, 2.1540, 5.0180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 51.9660, 6.5080, 14.2200 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(67, 41, 69)` looks like.

```
.text, #text, p{  
    color:rgb(67, 41, 69)  
}
```

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(67, 41, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 41, 69) }
```

Border

The CSS property to change the border of an element to YIQ 51.9660, 6.5080, 14.2200 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(67, 41, 69) }
```


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

```
.border{ border-color:rgb(67, 41, 69) }
```

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

Here you see how a box with a 4 pixel rgb(67, 41, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 41, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 41, 69);  
box-shadow:4px 4px 4px 4px rgb(67, 41, 69)  
}
```

Background

The CSS property to change the background color of an element to YIQ 51.9660, 6.5080, 14.2200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 41, 69) }
```

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

```
.background{ background-color: rgb(67, 41,  
69) }
```

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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