

Converting Colors

YIQ(56.7950, 21.3120, 43.2960)

Have a look what the booklet for
YIQ(56.7950, 21.3120, 43.2960)
contains.

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Color

**YIQ(56.7950, 21.3120,
43.2960)**

Conversions

Conversions Part 1

Format	Color
Hex	68176B
RGB	104, 23, 107
RGB Percent	41%, 9%, 42%
CMY	0.5919, 0.9099, 0.5804
CMYK	0.03, 0.79, 0.00, 0.58
HSL	298°, 65%, 25%
HSV	298°, 79%, 42%
XYZ	8.6760, 4.6199, 14.3457
YIQ	56.7950, 21.3120, 43.2960

Conversions

Conversions Part 2

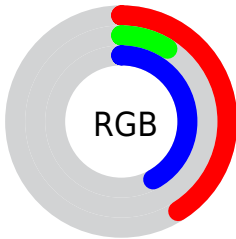
Format	Color
RYB	104, 23, 107
Decimal	6821739
CIELab	25.62, 45.72, -30.01
CIELCh	26, 54.685, 326.723
Yxy	4.6199, 0.3139, 0.1671
Android (android.graphics.Color)	4285011819 (0xFF68176B)
YUV	56.7950, 24.7511, 41.3988
Hunter-Lab	21.4939, 34.4370, -24.5263

Details

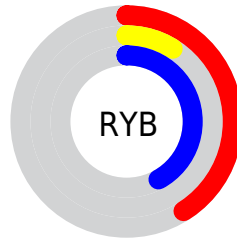
The YIQ color **56.7950, 21.3120, 43.2960** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **73.2050, -21.3120, -43.2960**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **109.9800, 22.2290, 43.1970**, and **22.5730, 12.6490, 29.5850** is the 20% darker color. If you saturate the color by 10%, you get **50.3380, 24.3370, 49.0490**, and if you desaturate by 10%, it is **63.2520, 18.2870, 37.5430**.

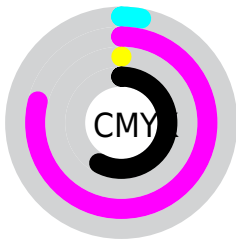
Distribution



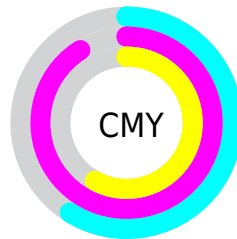
- Red (41%)
- Green (9%)
- Blue (42%)



- Red (41%)
- Yellow (9%)
- Blue (42%)



- Cyan (3%)
- Magenta (79%)
- Yellow (0%)
- Black (58%)





- Cyan (59%)
- Magenta (91%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 56.7950, 21.3120, 43.2960 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 56.7950, 21.3120, 43.2960 by changing the saturation by 10% instead.


 56.7950, 21.3120,
43.2960


 56.7950, 21.3120,
43.2960


255.0000, -0.0000,
-0.0000


 32.6700, 20.1660,
42.0380


 109.9800, 22.2290,
43.1970


 22.5730, 12.6490,
29.5850

 136.6920, 23.1000,
43.9320


 13.1880, 6.0030,
17.8670

 164.1050, 23.3750,
44.4550

 1.4820, -4.1730,
4.0430

 191.8170, 24.2460,
45.1900

 0.0000, 0.0000,
0.0000

 212.7360, 19.8000,
37.6560

 229.7590, 11.8250,

22.4890

246.7820, 3.8500,
7.3220

56.7950, 21.3120,
43.2960

56.7950, 21.3120,
43.2960

50.3380, 24.3370,
49.0490

63.2520, 18.2870,
37.5430

44.1690, 26.4910,
54.0670

69.4210, 16.1330,
32.5250

42.9950, 27.0410,
55.1130

75.8780, 13.1080,
26.7720

82.6340, 10.6790,
21.2310

88.5040, 7.9290,
16.0010

■ 94.9610, 4.9040,
10.2480

■ 101.7170, 2.4750,
4.7070

■ 108.1740, -0.5500,
-1.0460

■ 114.0440, -3.3000,
-6.2760

Harmonies

Analogous

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



57.3900, -35.3080, 23.1560



56.7950, 21.3120, 43.2960



45.9100, 54.7810, 47.9730

Triad

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



56.7950, 21.3120, 43.2960



57.6670, 31.1340, -13.5860



56.8440, -52.5870, -10.6270

Complementary

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



56.7950, 21.3120, 43.2960



73.2050, -21.3120, -43.2960

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.



51.4690, -38.8300, -23.1660



56.7950, 21.3120, 43.2960



52.1640, 4.2690, -27.8190

Square

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



56.7950, 21.3120, 43.2960



55.1960, 55.1100, 3.4460



44.8230, -22.8720, -37.0480



58.9590, -62.6760, 1.5160

Rectangle

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



56.7950, 21.3120, 43.2960



43.4300, 64.6400, 40.0000



44.8230, -22.8720, -37.0480



55.3620, -48.4140, -14.6700

Sweetspot

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



56.7950, 21.3120, 43.2960



120.3300, 8.4790, 17.0470



34.9240, -28.0640, 24.0320



59.2600, 5.5000, 10.4600



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.



56.7950, 21.3120, 43.2960



61.3200, 33.9160, 68.1880



53.3600, 35.2980, 32.1140



50.1790, 1.0540, 2.9260



47.1250, 29.7910, 60.3430



98.4940, 62.0110, 126.2270

Inverse Universe

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



48.4580, 49.1010, 18.7410



48.0380, 77.0670, 29.5390



76.6400, -35.2980, -32.1140



49.7940, 3.5760, 1.2720



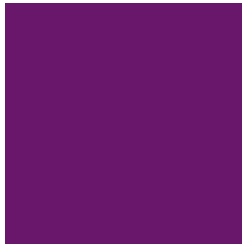
35.4390, 68.4480, 26.0480



74.2810, 143.1310, 54.7390

Previews

White Background



This preview shows how the YIQ color 56.7950, 21.3120, 43.2960 looks on a white background.

Color Contrast Check

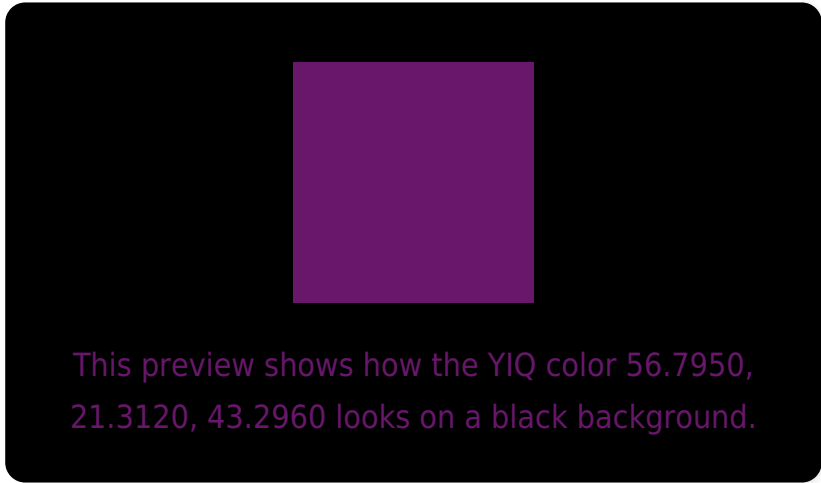
Large Text (above 18pt) WCAG AA ✓ Pass

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

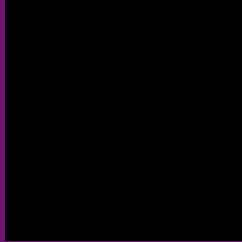
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 56.7950, 21.3120, 43.2960

Background



This preview shows how black text looks on a background with the YIQ color 56.7950, 21.3120, 43.2960.



This preview shows how white text looks on a background with the YIQ color 56.7950, 21.3120,

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

56.7950, 21.3120, 43.2960

Protanopia

49.8120, -57.5880, 8.4280

Deuteranopia

60.1560, -26.5020, 6.7300



Tritanopia

61.5910, 29.4330, 11.7450

Trichromacy



Original Color

56.7950, 21.3120, 43.2960

Protanomaly

52.6310, -28.7970, 20.7950

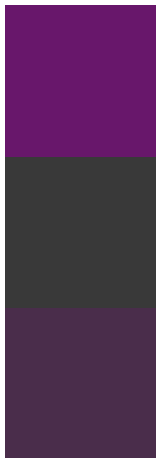
Deuteranomaly

58.7550, -8.7150, 20.2850

Tritanomaly

60.1860, 26.6800, 23.0960

Monochromacy



Original Color

56.7950, 21.3120, 43.2960

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

57.0910, 7.6540, 15.4780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 56.7950, 21.3120, 43.2960 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(104, 23, 107)` looks like.

```
.text, #text, p{  
    color:rgb(104, 23, 107)  
}
```

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(104, 23, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 23, 107) }
```

Border

The CSS property to change the border of an element to YIQ 56.7950, 21.3120, 43.2960 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(104, 23, 107) }
```


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

```
.border{ border-color:rgb(104, 23, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 23, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 23, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 23, 107);  
box-shadow:4px 4px 4px 4px rgb(104, 23,  
107) }
```

Background

The CSS property to change the background color of an element to YIQ 56.7950, 21.3120, 43.2960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 23, 107) }
```

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

```
.background{ background-color: rgb(104, 23,  
107) }
```

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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