

Converting Colors

YIQ(41.6560, 4.4450, 13.0610)

Have a look what the booklet for
YIQ(41.6560, 4.4450, 13.0610)
contains.

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Color

**YIQ(41.6560, 4.4450,
13.0610)**

Conversions

Conversions Part 1

Format	Color
Hex	36203B
RGB	54, 32, 59
RGB Percent	21%, 13%, 23%
CMY	0.7882, 0.8745, 0.7686
CMYK	0.08, 0.46, 0.00, 0.77
HSL	289°, 30%, 18%
HSV	289°, 46%, 23%
XYZ	2.8279, 2.1330, 4.4002
YIQ	41.6560, 4.4450, 13.0610

Conversions

Conversions Part 2

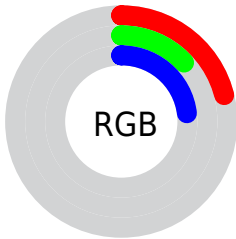
Format	Color
R_{YB}	54, 32, 59
Decimal	3547195
CIE Lab	16.17, 16.27, -13.17
CIE LCh	16, 20.929, 321.014
Yxy	2.1330, 0.3021, 0.2279
Android (android.graphics.Color)	4281737275 (0xFF36203B)
YUV	41.6560, 8.5506, 10.8257
Hunter-Lab	14.6049, 9.0039, -7.6396

Details

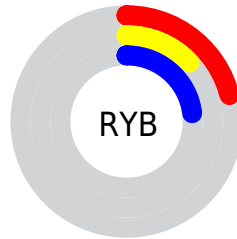
The YIQ color **41.6560, 4.4450, 13.0610** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **49.3440, -4.4450, -13.0610**, and the grayscale version is **42.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **87.4820, 4.9950, 14.1070**, and **2.2970, -5.0900, 4.1420** is the 20% darker color. If you saturate the color by 10%, you get **37.8350, 5.4990, 15.9870**, and if you desaturate by 10%, it is **45.4770, 3.3910, 10.1350**.

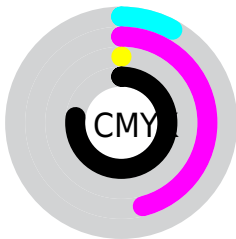
Distribution



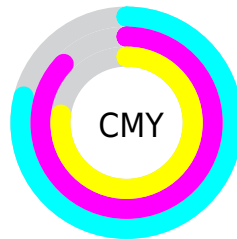
- Red (21%)
- Green (13%)
- Blue (23%)



- Red (21%)
- Yellow (13%)
- Blue (23%)



- Cyan (8%)
- Magenta (46%)
- Yellow (0%)
- Black (77%)



- Cyan (79%)
- Magenta (87%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 41.6560, 4.4450, 13.0610 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 41.6560, 4.4450, 13.0610 by changing the saturation by 10% instead.

■ 41.6560, 4.4450,
13.0610

■ 41.6560, 4.4450,
13.0610

■ 255.0000, -0.0000,
-0.0000

■ 20.2430, 4.1700,
12.5380

■ 87.4820, 4.9950,
14.1070

■ 2.2970, -5.0900,
4.1420

■ 112.3080, 5.5450,
15.1530

■ 0.0000, 0.0000,
0.0000

■ 137.7210, 5.8200,
15.6760

■ 164.1340, 6.0950,
16.1990

■ 191.1340, 6.0950,
16.1990

■ 218.9600, 6.6450,

17.2450

242.6730, 5.7750,
10.9830

41.6560, 4.4450,
13.0610

41.6560, 4.4450,
13.0610

37.8350, 5.4990,
15.9870

45.4770, 3.3910,
10.1350

34.0140, 6.5530,
18.9130

49.2980, 2.3370,
7.2090

30.1930, 7.6070,
21.8390

53.1190, 1.2830,
4.2830

26.3720, 8.6610,
24.7650

56.9400, 0.2290,
1.3570

22.5510, 9.7150,
27.6910

60.1740, -0.5500,
-1.0460

■ 21.0780, 9.6690,
28.5250

■ 64.2940, -1.0080,
-3.7600

■ 68.1150, -2.0620,
-6.6860

■ 71.9360, -3.1160,
-9.6120

■ 75.7570, -4.1700,
-12.5380

Harmonies

Analogous

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



39.9250, -12.6100, 8.2700



41.6560, 4.4450, 13.0610



41.0010, 16.5950, 13.1310

Triad

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



41.6560, 4.4450, 13.0610



38.9510, 18.8910, -6.4610



33.2890, -28.9750, -9.0310

Complementary

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



41.6560, 4.4450, 13.0610



49.3440, -4.4450, -13.0610

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.



31.5790, -24.1600, -13.6960



41.6560, 4.4450, 13.0610



37.3410, 8.8050, -10.8990

Square

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



41.6560, 4.4450, 13.0610



39.5590, 23.2910, 1.9070



35.6750, -6.8750, -13.0750



34.1840, -32.8730, -4.4650

Rectangle

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



41.6560, 4.4450, 13.0610



40.1710, 21.8680, 11.1800



35.6750, -6.8750, -13.0750



33.3060, -27.6450, -11.1090

Sweetspot

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



41.6560, 4.4450, 13.0610



69.9450, 1.8330, 5.3290



38.0130, -10.0420, 5.7820



34.1790, 1.0540, 2.9260



166.0000, -0.0000, 0.0000



38.0000, -0.0000, -0.0000

Same Dimension

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



41.6560, 4.4450, 13.0610



49.3670, 7.0570, 20.7930



42.2390, 9.9930, 11.6330



28.9400, 0.2290, 1.3570



33.7390, 15.7180, 45.5580



79.4270, 36.6140, 107.4140

Inverse Universe

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



40.6430, 14.4870, 7.2790



47.7690, 23.0600, 11.6040



48.7610, -9.9930, -11.6330



28.8970, 1.7880, 0.6360



30.0440, 50.5670, 25.2150



71.0520, 119.1510, 59.8150

Previews

White Background



This preview shows how the YIQ color 41.6560, 4.4450, 13.0610 looks on a white background.

Color Contrast Check

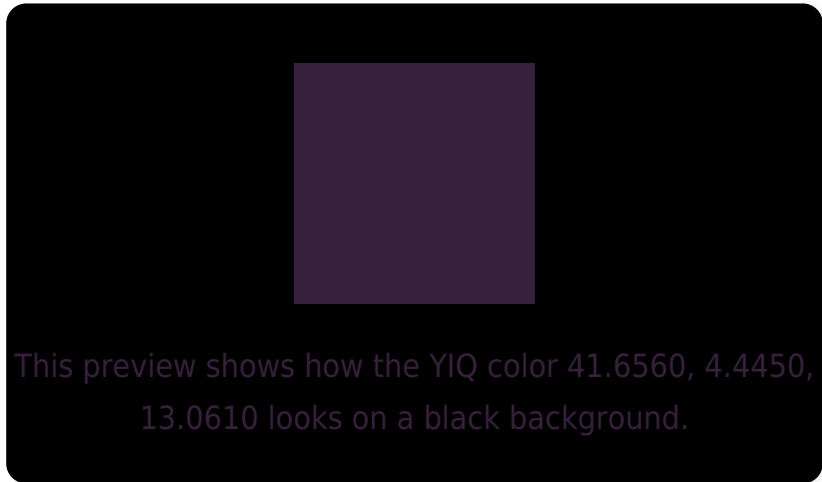
Large Text (above 18pt) WCAG AA ✓ Pass

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

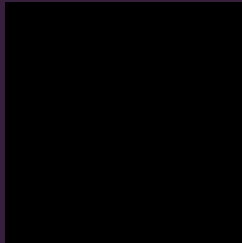
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 41.6560, 4.4450, 13.0610

Background



This preview shows how black text looks on a background with the YIQ color 41.6560, 4.4450, 13.0610.



This preview shows how white text looks on a background with the YIQ color 41.6560, 4.4450,

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

41.6560, 4.4450, 13.0610

Protanopia

39.9740, -14.3060, 5.9660

Deuteranopia

40.1440, -9.0330, 4.0150



Tritanopia

41.4140, 7.7020, 3.5900

Trichromacy



Original Color

41.6560, 4.4450, 13.0610

Protanomaly

40.5620, -7.1540, 8.5100

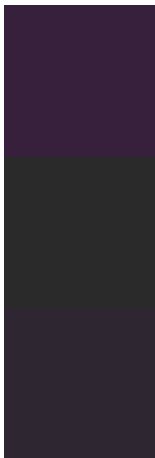
Deuteranomaly

40.5900, -4.3570, 7.3790

Tritanomaly

41.3370, 6.6010, 7.0250

Monochromacy



Original Color

41.6560, 4.4450, 13.0610

Achromatopsia

42.0000, -0.0000, -0.0000

Achromatomaly

41.5320, 1.5580, 4.8060

CSS Examples

Text

The CSS property to change the color of the text to YIQ 41.6560, 4.4450, 13.0610 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(54, 32, 59)` looks like.

```
.text, #text, p{  
    color:rgb(54, 32, 59)  
}
```

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(54, 32, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 32, 59) }
```

Border

The CSS property to change the border of an element to YIQ 41.6560, 4.4450, 13.0610 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(54, 32, 59) }
```


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

```
.border{ border-color:rgb(54, 32, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 32, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 32, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 32, 59);  
box-shadow:4px 4px 4px 4px rgb(54, 32, 59)  
}
```

Background

The CSS property to change the background color of an element to YIQ 41.6560, 4.4450, 13.0610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 32, 59) }
```

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

```
.background{ background-color: rgb(54, 32,  
59) }
```

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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