

Converting Colors

YIQ(44.2110, -1.9720, 2.7000)

Have a look what the booklet for
YIQ(44.2110, -1.9720, 2.7000)
contains.

YIQ(44.2110, -1.9720, 2.7000)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(44.2110, -1.9720,
2.7000)**

Conversions

Conversions Part 1

Format	Color
Hex	2C2B33
RGB	44, 43, 51
RGB Percent	17%, 17%, 20%
CMY	0.8274, 0.8314, 0.8000
CMYK	0.14, 0.16, 0.00, 0.80
HSL	248°, 9%, 18%
HSV	248°, 16%, 20%
XYZ	2.5001, 2.5022, 3.4828
YIQ	44.2110, -1.9720, 2.7000

Conversions

Conversions Part 2

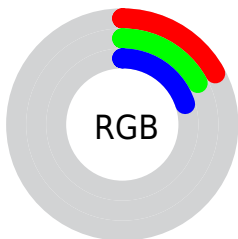
Format	Color
R_{YB}	44, 43, 51
Decimal	2894643
CIE Lab	17.93, 2.46, -4.99
CIE LCh	18, 5.561, 296.205
Yxy	2.5022, 0.2946, 0.2949
Android (android.graphics.Color)	4281084723 (0xFF2C2B33)
YUV	44.2110, 3.3470, -0.1850
Hunter-Lab	15.8184, 0.5298, -1.9811

Details

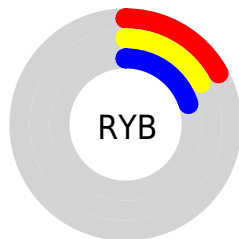
The YIQ color **44.2110, -1.9720, 2.7000** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **49.7890, 1.9720, -2.7000**, and the grayscale version is **44.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **89.6240, -1.6970, 3.2230**, and **0.3420, -0.9630, 0.9330** is the 20% darker color. If you saturate the color by 10%, you get **40.0800, -2.9810, 4.4670**, and if you desaturate by 10%, it is **48.3420, -0.9630, 0.9330**.

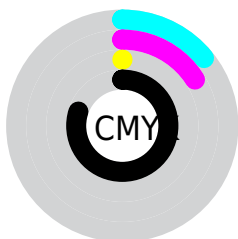
Distribution



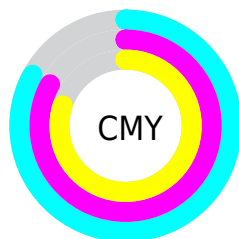
- Red (17%)
- Green (17%)
- Blue (20%)



- Red (17%)
- Yellow (17%)
- Blue (20%)



- Cyan (14%)
- Magenta (16%)
- Yellow (0%)
- Black (80%)



- Cyan (83%)
- Magenta (83%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 44.2110, -1.9720, 2.7000 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 44.2110, -1.9720, 2.7000 by changing the saturation by 10% instead.

■ 44.2110, -1.9720,
2.7000

■ 44.2110, -1.9720,
2.7000

■ 255.0000, -0.0000,
-0.0000

■ 23.7980, -2.2470,
2.1770

■ 89.6240, -1.6970,
3.2230

■ 0.3420, -0.9630,
0.9330

■ 114.3250, -2.2930,
3.0110

■ 0.0000, 0.0000,
0.0000

■ 139.7380, -2.0180,
3.5340

■ 165.7380, -2.0180,
3.5340

■ 193.4390, -2.6140,
3.3220

■ 220.8520, -2.3390,

3.8450

249.0970, -1.6510,
2.3890

44.2110, -1.9720,
2.7000

44.2110, -1.9720,
2.7000

40.0800, -2.9810,
4.4670

48.3420, -0.9630,
0.9330

35.6500, -4.5860,
6.0220

52.7720, 0.6420,
-0.6220

31.5190, -5.5950,
7.7890

56.9030, 1.6510,
-2.3890

27.0890, -7.2000,
9.3440

61.3330, 3.2560,
-3.9440

22.9580, -8.2090,
11.1110

65.4640, 4.2650,
-5.7110

■ 17.9410, -9.5390,
13.1890

■ 70.4810, 5.5950,
-7.7890

■ 13.8100, -10.5480,
14.9560

■ 74.6120, 6.6040,
-9.5560

■ 9.3800, -12.1530,
16.5110

■ 79.0420, 8.2090,
-11.1110

■ 7.6080, -12.7950,
17.1330

■ 83.1730, 9.2180,
-12.8780

Harmonies

Analogous

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



43.4170, -5.5480, 1.4280



44.2110, -1.9720, 2.7000



44.7770, 2.2460, 3.3500

Triad

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



44.2110, -1.9720, 2.7000



44.1210, 6.9690, 0.3530



42.3690, -5.5930, -3.2650

Complementary

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



44.2110, -1.9720, 2.7000



49.7890, 1.9720, -2.7000

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.



43.1090, -1.9250, -3.6610



44.2110, -1.9720, 2.7000



43.6970, 5.2270, -1.1170

Square

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



44.2110, -1.9720, 2.7000



44.1750, 6.8770, 2.0210



43.4900, 1.3760, -2.9120



42.5260, -7.4730, -2.2330

Rectangle

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



44.2110, -1.9720, 2.7000



44.5600, 4.3550, 3.6750



43.4900, 1.3760, -2.9120



42.5540, -4.6760, -3.3640

Sweetspot

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



44.2110, -1.9720, 2.7000



63.3420, -0.9630, 0.9330



48.0210, -4.4930, -1.1730



31.2280, -0.6420, 0.6220



161.0000, -0.0000, -0.0000



33.0000, -0.0000, -0.0000

Same Dimension

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



44.2110, -1.9720, 2.7000



55.6670, -3.2560, 3.9440



45.4070, 0.4120, 3.5480



23.3420, -0.9630, 0.9330



13.4350, -22.0130, 30.0110



32.8110, -53.5650, 73.2110

Inverse Universe

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



46.1900, 2.5210, 3.8730



58.8420, 3.6210, 5.9650



48.5930, -0.4120, -3.5480



24.1250, 1.1460, 1.2580



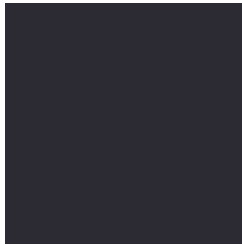
35.5030, 28.0060, 43.1260



86.5430, 68.3420, 105.0940

Previews

White Background



This preview shows how the YIQ color 44.2110, -1.9720, 2.7000 looks on a white background.

Color Contrast Check

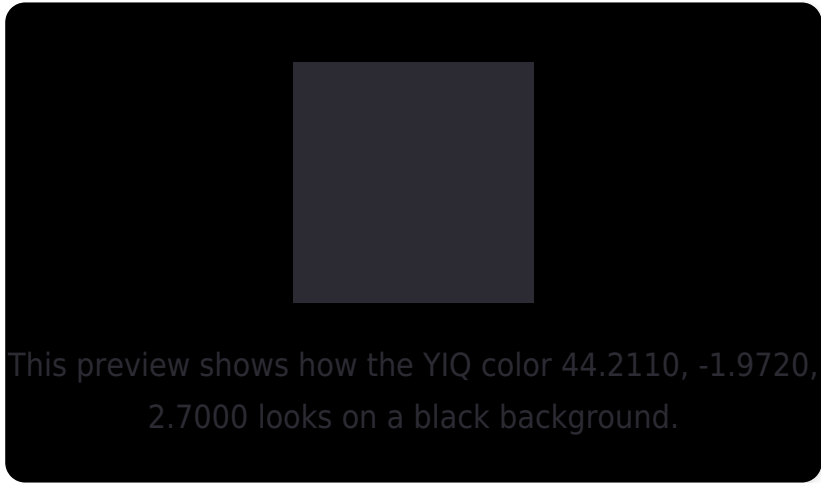
Large Text (above 18pt) WCAG AA ✓ Pass

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

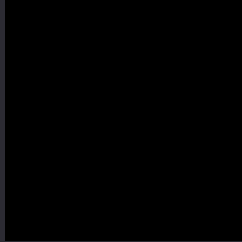
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 44.2110, -1.9720, 2.7000

Background



This preview shows how black text looks on a background with the YIQ color 44.2110, -1.9720, 2.7000.



This preview shows how white text looks on a background with the YIQ color 44.2110, -1.9720,

2.7000.

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

44.2110, -1.9720, 2.7000

Protanopia

43.6130, -3.1640, 2.2760

Deuteranopia

44.5100, -1.3760, 2.9120



Tritanopia

44.0430, -1.5590, 0.7210

Trichromacy



Original Color

44.2110, -1.9720, 2.7000

Protanomaly

43.9120, -2.5680, 2.4880

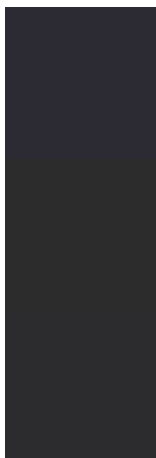
Deuteranomaly

44.5100, -1.3760, 2.9120

Tritanomaly

44.1570, -1.8800, 1.0320

Monochromacy



Original Color

44.2110, -1.9720, 2.7000

Achromatopsia

44.0000, -0.0000, -0.0000

Achromatomaly

44.3420, -0.9630, 0.9330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 44.2110, -1.9720, 2.7000 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(44, 43, 51)` looks like.

```
.text, #text, p{  
    color:rgb(44, 43, 51)  
}
```

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(44, 43, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 43, 51) }
```

Border

The CSS property to change the border of an element to YIQ 44.2110, -1.9720, 2.7000 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(44, 43, 51) }
```


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

```
.border{ border-color:rgb(44, 43, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 43, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 43, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 43, 51);  
box-shadow:4px 4px 4px 4px rgb(44, 43, 51)  
}
```

Background

The CSS property to change the background color of an element to YIQ 44.2110, -1.9720, 2.7000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 43, 51) }
```

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

```
.background{ background-color: rgb(44, 43,  
51) }
```

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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