

Converting Colors

YIQ(44.3520, 20.5810, 29.0050)

Have a look what the booklet for
YIQ(44.3520, 20.5810, 29.0050)
contains.

YIQ(44.3520, 20.5810, 29.0050)	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(44.3520, 20.5810,
29.0050)**

Conversions

Conversions Part 1

Format	Color
Hex	521447
RGB	82, 20, 71
RGB Percent	32%, 8%, 28%
CMY	0.6783, 0.9217, 0.7215
CMYK	0.00, 0.76, 0.13, 0.68
HSL	311°, 61%, 20%
HSV	311°, 76%, 32%
XYZ	4.8710, 2.7504, 6.2372
YIQ	44.3520, 20.5810, 29.0050

Conversions

Conversions Part 2

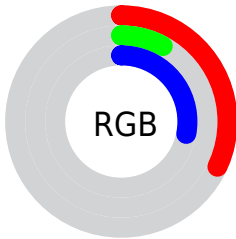
Format	Color
RYB	82, 20, 71
Decimal	5379143
CIELab	19.02, 34.80, -16.73
CIElCh	19, 38.607, 334.326
Yxy	2.7504, 0.3515, 0.1985
Android (android.graphics.Color)	4283569223 (0xFF521447)
YUV	44.3520, 13.1375, 33.0173
Hunter-Lab	16.5842, 23.4058, -10.6896

Details

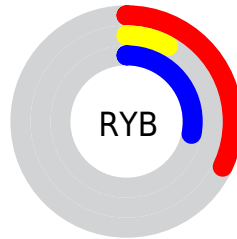
The YIQ color **44.3520, 20.5810, 29.0050** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **57.6480, -20.5810, -29.0050**, and the grayscale version is **44.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **94.2490, 22.3690, 29.6410**, and **14.2550, 13.0640, 16.5520** is the 20% darker color. If you saturate the color by 10%, you get **39.5420, 23.1020, 32.8780**, and if you desaturate by 10%, it is **49.1620, 18.0600, 25.1320**.

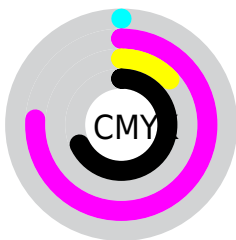
Distribution



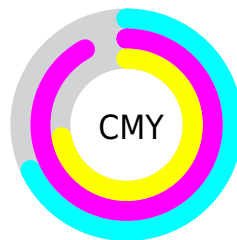
- Red (32%)
- Green (8%)
- Blue (28%)



- Red (32%)
- Yellow (8%)
- Blue (28%)



- Cyan (0%)
- Magenta (76%)
- Yellow (13%)
- Black (68%)



- Cyan (68%)
- Magenta (92%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 44.3520, 20.5810, 29.0050 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 44.3520, 20.5810, 29.0050 by changing the saturation by 10% instead.

■ 44.3520, 20.5810,
29.0050

■ 44.3520, 20.5810,
29.0050

■ 255.0000, -0.0000,
-0.0000

■ 22.5150, 18.5640,
27.0120

■ 94.2490, 22.3690,
29.6410

■ 14.2550, 13.0640,
16.5520

■ 119.8470, 23.5610,
30.0650

■ 0.0000, 0.0000,
0.0000

■ 146.2600, 23.8360,
30.5880


■ 173.2710, 25.3030,
31.5350


■ 200.9830, 26.1740,
32.2700


■ 223.3020, 14.8500,


28.2420


 239.7380, 7.1500,
13.5980


 44.3520, 20.5810,
29.0050


 44.3520, 20.5810,
29.0050


 39.5420, 23.1020,
32.8780


 49.1620, 18.0600,
25.1320


 34.6180, 25.9440,
36.4400

 54.0860, 15.2180,
21.5700

 32.1560, 27.3650,
38.2210

 59.4830, 12.4220,
17.1740

 64.4070, 9.5800,
13.6120

 69.2170, 7.0590,
9.7390

■ 74.1410, 4.2170,
6.1770

■ 78.9510, 1.6960,
2.3040

■ 84.4620, -1.4210,
-1.7810

■ 89.2720, -3.9420,
-5.6540

Harmonies

Analogous

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



47.2710, -10.2280, 20.1720



44.3520, 20.5810, 29.0050



38.2910, 39.7460, 28.5940

Triad

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



44.3520, 20.5810, 29.0050



43.4470, 20.1300, -12.3980



42.8240, -40.6670, -6.3870

Complementary

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



44.3520, 20.5810, 29.0050



57.6480, -20.5810, -29.0050

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.



39.7460, -32.0000, -14.7840



44.3520, 20.5810, 29.0050



38.8850, 0.9210, -22.2070

Square

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



44.3520, 20.5810, 29.0050



43.5680, 36.2670, -1.9810



35.7390, -22.0950, -23.5910



43.3430, -46.2620, 1.4020

Rectangle

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



44.3520, 20.5810, 29.0050



39.4620, 43.2780, 19.6460



35.7390, -22.0950, -23.5910



41.9120, -38.0990, -8.8750

Sweetspot

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



44.3520, 20.5810, 29.0050



91.8690, 8.1590, 11.8310



30.0580, -13.9420, 21.4020



44.8530, 5.0880, 6.9120



181.0000, -0.0000, 0.0000



54.0000, -0.0000, 0.0000

Same Dimension

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



44.3520, 20.5810, 29.0050



48.1230, 32.1320, 45.4440



40.9320, 30.2110, 19.6750



38.5380, 1.4210, 1.7810



41.1990, 34.9740, 49.0060



91.1420, 76.9610, 108.5850

Inverse Universe

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



44.3520, 20.5810, 29.0050



48.1230, 32.1320, 45.4440



61.0680, -30.2110, -19.6750



38.5380, 1.4210, 1.7810



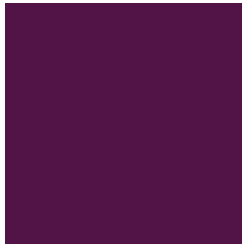
41.1990, 34.9740, 49.0060



91.1420, 76.9610, 108.5850

Previews

White Background



This preview shows how the YIQ color 44.3520, 20.5810, 29.0050 looks on a white background.

Color Contrast Check

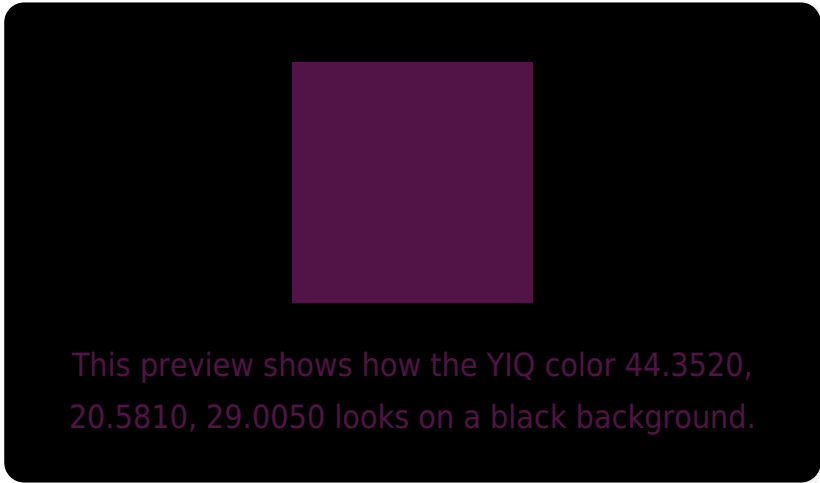
Large Text (above 18pt) WCAG AA ✓ Pass

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

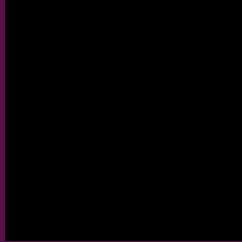
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 44.3520, 20.5810, 29.0050

Background



This preview shows how black text looks on a background with the YIQ color 44.3520, 20.5810, 29.0050.



This preview shows how white text looks on a background with the YIQ color 44.3520, 20.5810,

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

44.3520, 20.5810, 29.0050

Protanopia

43.3990, -31.5000, 9.2040

Deuteranopia

47.4860, -9.9960, 4.9480



Tritanopia

46.9820, 26.7740, 10.3740

Trichromacy



Original Color

44.3520, 20.5810, 29.0050

Protanomaly

44.0810, -12.7490, 16.2990

Deuteranomaly

46.2150, 1.3730, 13.6690

Tritanomaly

45.8280, 24.5720, 17.2440

Monochromacy



Original Color

44.3520, 20.5810, 29.0050

Achromatopsia

44.0000, -0.0000, -0.0000

Achromatomaly

44.0430, 7.6090, 10.7850

CSS Examples

Text

The CSS property to change the color of the text to YIQ 44.3520, 20.5810, 29.0050 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(82, 20, 71)` looks like.

```
.text, #text, p{  
    color:rgb(82, 20, 71)  
}
```

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(82, 20, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 20, 71) }
```

Border

The CSS property to change the border of an element to YIQ 44.3520, 20.5810, 29.0050 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(82, 20, 71) }
```


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

```
.border{ border-color:rgb(82, 20, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 20, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 20, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 20, 71);  
box-shadow:4px 4px 4px 4px rgb(82, 20, 71)  
}
```

Background

The CSS property to change the background color of an element to YIQ 44.3520, 20.5810, 29.0050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 20, 71) }
```

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

```
.background{ background-color: rgb(82, 20,  
71) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor