

Converting Colors

YIQ(43.8560, -42.5520, 22.2800)

Have a look what the booklet for
YIQ(43.8560, -42.5520, 22.2800)
contains.

YIQ(43.8560, -42.5520, 22.2800)	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>	30

Color

**YIQ(43.8560, -42.5520,
22.2800)**

Conversions

Conversions Part 1

Format	Color
Hex	112981
RGB	17, 41, 129
RGB Percent	7%, 16%, 51%
CMY	0.9333, 0.8392, 0.4944
CMYK	0.87, 0.68, 0.00, 0.49
HSL	227°, 77%, 29%
HSV	227°, 87%, 51%
XYZ	4.9829, 3.2891, 21.1201
YIQ	43.8560, -42.5520, 22.2800

Conversions

Conversions Part 2

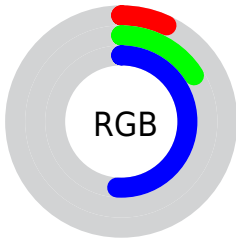
Format	Color
R_{YB}	17, 37, 129
Decimal	1124737
CIE _{Lab}	21.17, 26.93, -51.69
CIE _{LCh}	21, 58.289, 297.520
Yxy	3.2891, 0.1695, 0.1119
Android (android.graphics.Color)	4279314817 (0xFF112981)
YUV	43.8560, 41.9760, -23.5527
Hunter-Lab	18.1360, 17.3052, -56.3505

Details

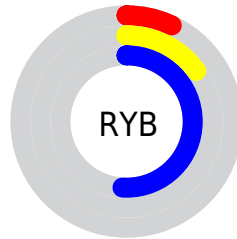
The YIQ color **43.8560, -42.5520, 22.2800** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **102.1440, 42.5520, -22.2800**, and the grayscale version is **43.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **96.4600, -32.3290, 29.7430**, and **9.0060, -25.3590, 24.5690** is the 20% darker color. If you saturate the color by 10%, you get **34.0990, -47.5500, 24.7540**, and if you desaturate by 10%, it is **53.6130, -37.5540, 19.8060**.

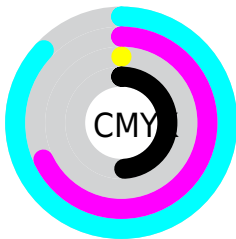
Distribution



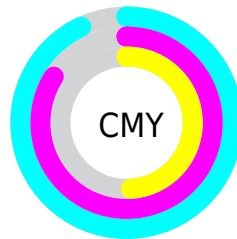
- Red (7%)
- Green (16%)
- Blue (51%)



- Red (7%)
- Yellow (15%)
- Blue (51%)



- Cyan (87%)
- Magenta (68%)
- Yellow (0%)
- Black (49%)



- Cyan (93%)
- Magenta (84%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 43.8560, -42.5520, 22.2800 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 43.8560, -42.5520, 22.2800 by changing the saturation by 10% instead.

■ 43.8560, -42.5520,
22.2800

■ 43.8560, -42.5520,
22.2800

■ 255.0000, -0.0000,
-0.0000

■ 24.0690, -38.8380,
21.0500

■ 96.4600, -32.3290,
29.7430

■ 9.0060, -25.3590,
24.5690

■ 122.1120,
-31.2290, 31.8350

■ 9.2050, -19.0300,
14.4900

■ 149.2370,
-30.0830, 33.0930

■ 4.8220, -10.8220,
8.9060

■ 174.6950,
-25.6810, 30.4070

■ 0.5700, -1.6050,
1.5550

■ 199.2150,
-15.8220, 22.4340

■ 0.0000, 0.0000,
0.0000

■ 224.3220, -6.2380,

13.9380

249.1300, 2.7500,
5.2300

43.8560, -42.5520,
22.2800

43.8560, -42.5520,
22.2800

34.0990, -47.5500,
24.7540

53.6130, -37.5540,
19.8060

31.1420, -49.1090,
25.4750

63.3700, -32.5560,
17.3320

73.1270, -27.5580,
14.8580

83.4710, -22.8350,
11.8610

92.9290, -18.4330,
9.1750

■ 102.6860,
-13.4350, 6.7010

■ 112.4430, -8.4370,
4.2270

■ 122.2000, -3.4390,
1.7530

■ 131.9570, 1.5590,
-0.7210

Harmonies

Analogous

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



50.4790, -60.8440, 12.3720



43.8560, -42.5520, 22.2800



39.8760, 25.7580, 50.8300

Triad

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



43.8560, -42.5520, 22.2800



43.9770, 51.5330, 7.7010



43.9860, -32.9160, -20.2120

Complementary

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



43.8560, -42.5520, 22.2800



102.1440, 42.5520, -22.2800

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.



37.5680, -17.6000, -33.4720



43.8560, -42.5520, 22.2800



48.2090, 26.7320, -10.9000

Square

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



43.8560, -42.5520, 22.2800



36.8780, 65.8340, 29.3700



41.2110, -3.1130, -26.1930



49.5890, -47.3150, -7.0510

Rectangle

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



43.8560, -42.5520, 22.2800



42.4790, 45.7490, 46.4610



41.2110, -3.1130, -26.1930



42.2760, -28.1010, -24.8770

Sweetspot

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



43.8560, -42.5520, 22.2800



135.1850, -16.2780, 8.6660



92.7760, -59.0480, -31.2080



64.4860, -9.9960, 4.9480



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000

Same Dimension

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



43.8560, -42.5520, 22.2800



40.2840, -63.8280, 33.4200



39.3360, -16.8800, 41.6160



58.9720, -2.7970, 1.1310



30.4410, -48.5130, 25.6870



0.0000, 0.0000, 0.0000

Inverse Universe

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



53.2240, 59.0480, 31.2080



54.3360, 88.5720, 46.8120



106.6640, 16.8800, -41.6160



59.3210, 3.5300, 2.1060



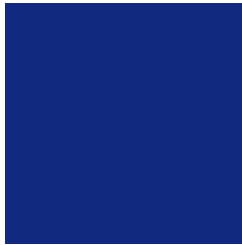
41.3500, 67.6210, 35.5330



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 43.8560, -42.5520, 22.2800 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



This preview shows how the YIQ color 43.8560, -42.5520, 22.2800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

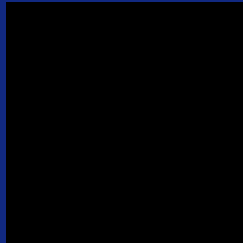
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 43.8560, -42.5520, 22.2800

Background



This preview shows how black text looks on a background with the YIQ color 43.8560, -42.5520, 22.2800.



This preview shows how white text looks on a background with the YIQ color 43.8560, -42.5520,

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

43.8560, -42.5520, 22.2800

Protanopia

40.6190, -46.8590, 6.7170

Tritanopia

40.2990, -34.9350, -11.1510

Trichromacy



Original Color

43.8560, -42.5520, 22.2800

Protanomaly

41.6780, -45.3470, 12.3570

Tritanomaly

41.4210, -37.7340, 1.0340

Monochromacy



Original Color

43.8560, -42.5520, 22.2800

Achromatopsia

44.0000, -0.0000, -0.0000

Achromatomaly

43.9570, -15.6360, 8.0440

CSS Examples

Text

The CSS property to change the color of the text to YIQ 43.8560, -42.5520, 22.2800 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(17, 41, 129)` looks like.

```
.text, #text, p{  
    color:rgb(17, 41, 129)  
}
```

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(17, 41, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 41, 129) }
```

Border

The CSS property to change the border of an element to YIQ 43.8560, -42.5520, 22.2800 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(17, 41, 129) }
```

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

```
.border{ border-color:rgb(17, 41, 129) }
```

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

Here you see how a box with a 4 pixel rgb(17, 41, 129) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 41, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 41, 129);  
box-shadow:4px 4px 4px 4px rgb(17, 41,  
129) }
```


Background

The CSS property to change the background color of an element to YIQ 43.8560, -42.5520, 22.2800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 41, 129) }
```

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

```
.background{ background-color: rgb(17, 41,  
129) }
```

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