

Converting Colors

YIQ(25.2460, -42.3290, 56.7990)

Have a look what the booklet for
YIQ(25.2460, -42.3290, 56.7990)
contains.

YIQ(25.2460, -42.3290, 56.7990)	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(25.2460, -42.3290,
56.7990)**

Conversions

Conversions Part 1

Format	Color
Hex	1400A9
RGB	20, 0, 169
RGB Percent	8%, 0%, 66%
CMY	0.9213, 1.0000, 0.3376
CMYK	0.88, 1.00, 0.00, 0.34
HSL	247°, 100%, 33%
HSV	247°, 100%, 66%
XYZ	7.4436, 3.0108, 37.6874
YIQ	25.2460, -42.3290, 56.7990

Conversions

Conversions Part 2

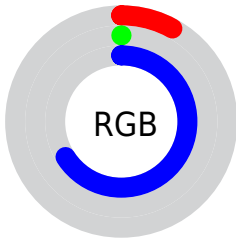
Format	Color
R_{YB}	20, 0, 169
Decimal	1310889
CIE Lab	20.09, 58.37, -78.20
CIE LCh	20, 97.587, 306.737
Yxy	3.0108, 0.1546, 0.0625
Android (android.graphics.Color)	4279500969 (0xFF1400A9)
YUV	25.2460, 70.8707, -4.6007
Hunter-Lab	17.3518, 46.2073, -116.6295

Details

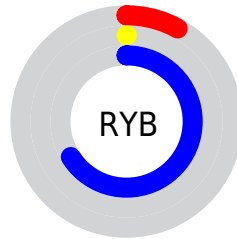
The YIQ color **25.2460, -42.3290, 56.7990** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **143.7540, 42.3290, -56.7990**, and the grayscale version is **25.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **90.5960, -28.5750, 60.8410**, and **13.1100, -36.9150, 35.7650** is the 20% darker color. If you saturate the color by 10%, you get **25.2460, -42.3290, 56.7990**, and if you desaturate by 10%, it is **39.7100, -38.0640, 51.0880**.

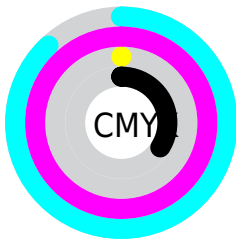
Distribution



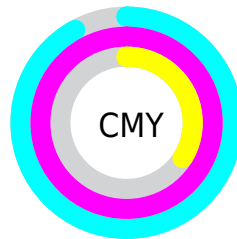
- Red (8%)
- Green (0%)
- Blue (66%)



- Red (8%)
- Yellow (0%)
- Blue (66%)



- Cyan (88%)
- Magenta (100%)
- Yellow (0%)
- Black (34%)



- Cyan (92%)
- Magenta (100%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 25.2460, -42.3290, 56.7990 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 25.2460, -42.3290, 56.7990 by changing the saturation by 10% instead.

■ 25.2460, -42.3290,
56.7990

■ 25.2460, -42.3290,
56.7990

■ 251.4780, 1.6500,
3.1380

■ 16.1880, -45.5820,
44.1620

■ 90.5960, -28.5750,
60.8410

■ 13.1100, -36.9150,
35.7650

■ 117.8460,
-26.2830, 63.3570

■ 10.7330, -28.8440,
27.1560

■ 142.3770,
-14.9570, 56.3310

■ 11.5190, -22.7900,
16.5540

■ 167.1960, -4.5020,
48.5700

■ 6.5490, -14.3070,
11.4930

■ 192.3140, 6.5490,
41.0210

■ 2.8670, -6.6950,
5.6970


■ 217.7200, 16.7290,


■ 0.0000, 0.0000,


32.7370


0.0000


 234.4550, 9.6250,
18.3050


 25.2460, -42.3290,
56.7990

 39.7100, -38.0640,
51.0880

 54.1740, -33.7990,
45.3770

 68.6380, -29.5340,
39.6660

 83.1020, -25.2690,
33.9550

 96.6800, -21.3250,
28.5550

■ 111.1440,
-17.0600, 22.8440

■ 125.6080,
-12.7950, 17.1330

■ 140.0720, -8.5300,
11.4220

■ 154.5360, -4.2650,
5.7110

Harmonies

Analogous

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



58.0200, -80.7000, 30.8200



25.2460, -42.3290, 56.7990



52.8620, 46.7090, 62.1090

Triad

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



25.2460, -42.3290, 56.7990



35.7810, 58.3170, 16.9170



47.7990, -39.5190, -16.1830

Complementary

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



25.2460, -42.3290, 56.7990



143.7540, 42.3290, -56.7990

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.



39.3290, -18.4250, -35.0410



25.2460, -42.3290, 56.7990



44.2780, 13.1160, -17.4440

Square

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



25.2460, -42.3290, 56.7990



42.4580, 84.6320, 30.1040



36.9810, -17.3250, -32.9490



57.7680, -63.4560, 4.6400

Rectangle

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



25.2460, -42.3290, 56.7990



53.4840, 73.7160, 51.7320



36.9810, -17.3250, -32.9490



44.3620, -31.2190, -23.4350

Sweetspot

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



25.2460, -42.3290, 56.7990



163.5030, -16.6930, 21.6990



106.7290, -95.2240, -25.3680



76.0550, -9.8600, 13.5000



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



25.2460, -42.3290, 56.7990



32.7400, -54.8030, 73.6210



50.3620, 7.7350, 74.6070



77.2110, -1.9720, 2.7000



22.2540, -36.7800, 49.8440



2.8780, -5.2280, 6.6440

Inverse Universe

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



67.5170, 52.8950, 82.1670



87.4830, 68.5710, 106.4510



118.6380, -7.7350, -74.6070



79.1900, 2.5210, 3.8730



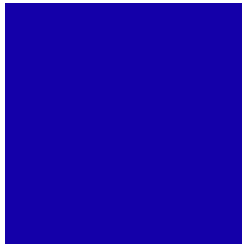
59.0720, 46.4780, 71.8060



8.0320, 6.1420, 9.8380

Previews

White Background



This preview shows how the YIQ color 25.2460, -42.3290, 56.7990 looks on a white background.

Color Contrast Check

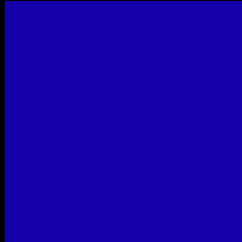
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.2460, -42.3290, 56.7990 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 25.2460, -42.3290, 56.7990

Background



This preview shows how black text looks on a background with the YIQ color 25.2460, -42.3290, 56.7990.



This preview shows how white text looks on a background with the YIQ color 25.2460, -42.3290,

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

25.2460, -42.3290, 56.7990

Protanopia

41.3200, -47.4550, 6.5050

Deuteranopia

41.2570, -43.1440, -0.0400



Tritanopia

40.8860, -35.2100, -11.6740

Trichromacy



Original Color

25.2460, -42.3290, 56.7990

Protanomaly

35.4690, -45.7160, 24.5560

Deuteranomaly

35.5030, -43.0560, 20.4000

Tritanomaly

35.2120, -38.1030, 13.2330

Monochromacy



Original Color

25.2460, -42.3290, 56.7990

Achromatopsia

25.0000, -0.0000, -0.0000

Achromatomaly

25.0470, -15.4090, 20.4550

CSS Examples

Text

The CSS property to change the color of the text to YIQ 25.2460, -42.3290, 56.7990 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(20, 0, 169)` looks like.

```
.text, #text, p{  
    color:rgb(20, 0, 169)  
}
```

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(20, 0, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 0, 169) }
```

Border

The CSS property to change the border of an element to YIQ 25.2460, -42.3290, 56.7990 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(20, 0, 169) }
```


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

```
.border{ border-color:rgb(20, 0, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 0, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 0, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 0, 169);  
box-shadow:4px 4px 4px 4px rgb(20, 0, 169)  
}
```

Background

The CSS property to change the background color of an element to YIQ 25.2460, -42.3290, 56.7990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 0, 169) }
```

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

```
.background{ background-color: rgb(20, 0,  
169) }
```

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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