

Converting Colors

YIQ(24.8560, -50.5790, 41.1090)

Have a look what the booklet for
YIQ(24.8560, -50.5790, 41.1090)
contains.

YIQ(24.8560, -50.5790, 41.1090)	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(24.8560, -50.5790,
41.1090)**

Conversions

Conversions Part 1

Format	Color
Hex	020C97
RGB	2, 12, 151
RGB Percent	1%, 5%, 59%
CMY	0.9920, 0.9529, 0.4082
CMYK	0.99, 0.92, 0.00, 0.41
HSL	236°, 97%, 30%
HSV	236°, 99%, 59%
XYZ	5.7363, 2.5079, 29.4264
YIQ	24.8560, -50.5790, 41.1090

Conversions

Conversions Part 2

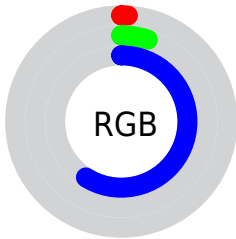
Format	Color
R_{YB}	2, 11, 151
Decimal	134295
CIE _{Lab}	17.95, 49.77, -70.77
CIE _{LCh}	18, 86.515, 305.120
Yxy	2.5079, 0.1523, 0.0666
Android (android.graphics.Color)	4278324375 (0xFF020C97)
YUV	24.8560, 62.1890, -20.0447
Hunter-Lab	15.8363, 36.9436, -99.0852

Details

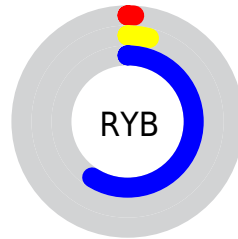
The YIQ color **24.8560, -50.5790, 41.1090** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **128.1440, 50.5790, -41.1090**, and the grayscale version is **24.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **86.9020, -29.8570, 51.0310**, and **11.1720, -31.4580, 30.4780** is the 20% darker color. If you saturate the color by 10%, you get **23.0840, -51.2210, 41.7310**, and if you desaturate by 10%, it is **37.5590, -45.4890, 36.9670**.

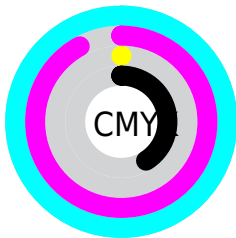
Distribution



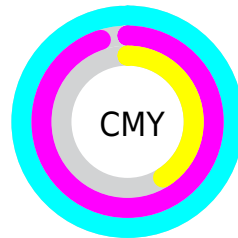
- Red (1%)
- Green (5%)
- Blue (59%)



- Red (1%)
- Yellow (4%)
- Blue (59%)



- Cyan (99%)
- Magenta (92%)
- Yellow (0%)
- Black (41%)



- Cyan (99%)
- Magenta (95%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 24.8560, -50.5790, 41.1090 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 24.8560, -50.5790, 41.1090 by changing the saturation by 10% instead.

■ 24.8560, -50.5790,
41.1090

■ 24.8560, -50.5790,
41.1090

■ 251.4780, 1.6500,
3.1380

■ 14.1360, -39.8040,
38.5640

■ 86.9020, -29.8570,
51.0310

■ 11.1720, -31.4580,
30.4780

■ 113.1520,
-27.5650, 53.5470

■ 13.6050, -25.9080,
17.9960

■ 139.6640,
-23.2550, 52.5290

■ 8.0480, -17.1500,
13.4580

■ 163.8960,
-12.5250, 45.2910

■ 3.7790, -9.2630,
8.1850

■ 188.7150, -2.0700,
37.5300

■ 0.0000, 0.0000,
0.0000

■ 213.5340, 8.3850,

29.7690

■ 235.0420, 9.3500,
17.7820

■ 24.8560, -50.5790,
41.1090

■ 24.8560, -50.5790,
41.1090

■ 23.0840, -51.2210,
41.7310

■ 37.5590, -45.4890,
36.9670

■ 50.2620, -40.3990,
32.8250

■ 62.9650, -35.3090,
28.6830

■ 75.6680, -30.2190,
24.5410

■ 88.6700, -24.5330,
20.6110

■ 101.3730,
-19.4430, 16.4690

■ 114.6630,
-14.6280, 11.8040

■ 127.3660, -9.5380,
7.6620

■ 140.0690, -4.4480,
3.5200

Harmonies

Analogous

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



51.7620, -71.3460, 26.4940



24.8560, -50.5790, 41.1090



46.7530, 39.4660, 55.7060

Triad

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



24.8560, -50.5790, 41.1090



32.2150, 54.0990, 16.2670



42.5500, -34.3840, -15.6320

Complementary

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



24.8560, -50.5790, 41.1090



128.1440, 50.5790, -41.1090

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.



35.8070, -16.7750, -31.9030



24.8560, -50.5790, 41.1090



40.7560, 14.7660, -14.3060

Square

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



24.8560, -50.5790, 41.1090



37.9730, 75.6920, 26.9240



33.4590, -15.6750, -29.8110



51.4930, -55.4320, 2.3920

Rectangle

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



24.8560, -50.5790, 41.1090



47.4610, 63.3550, 46.7710



33.4590, -15.6750, -29.8110



40.0420, -27.3220, -22.4740

Sweetspot

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



24.8560, -50.5790, 41.1090



146.0740, -20.0390, 16.2570



105.0810, -84.9520, -35.3200



69.1640, -11.7850, 9.8390



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000

Same Dimension

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



24.8560, -50.5790, 41.1090



29.9750, -66.4910, 54.1570



37.5240, -10.8770, 59.4830



69.9120, -2.5680, 2.4880



21.2430, -47.4150, 38.8330



2.0690, -4.4480, 3.5200

Inverse Universe

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



47.6910, 85.5940, 34.6980



60.0860, 112.6430, 45.5950



115.4760, 10.8770, -59.4830



71.3920, 4.7680, 1.6960



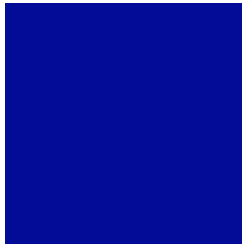
42.8860, 80.5510, 32.4790



4.0010, 7.4270, 3.0670

Previews

White Background



This preview shows how the YIQ color 24.8560, -50.5790, 41.1090 looks on a white background.

Color Contrast Check

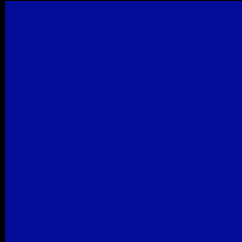
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.8560, -50.5790, 41.1090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

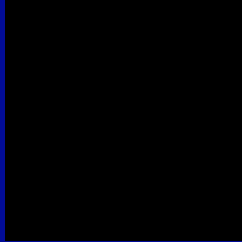
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 24.8560, -50.5790, 41.1090

Background



This preview shows how black text looks on a background with the YIQ color 24.8560, -50.5790, 41.1090.



This preview shows how white text looks on a background with the YIQ color 24.8560, -50.5790,

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

24.8560, -50.5790, 41.1090

Protanopia

37.1310, -42.5490, 5.6990

Deuteranopia

37.2960, -38.8800, -0.2240



Tritanopia

36.6800, -31.6340, -10.4020

Trichromacy



Original Color

24.8560, -50.5790, 41.1090

Protanomaly

32.7800, -45.3940, 18.7180

Deuteranomaly

32.9280, -43.0550, 14.8730

Tritanomaly

32.1640, -38.1480, 8.5400

Monochromacy



Original Color

24.8560, -50.5790, 41.1090

Achromatopsia

25.0000, -0.0000, -0.0000

Achromatomaly

24.9170, -18.1590, 15.2250

CSS Examples

Text

The CSS property to change the color of the text to YIQ 24.8560, -50.5790, 41.1090 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(2, 12, 151)` looks like.

```
.text, #text, p{  
    color:rgb(2, 12, 151)  
}
```

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(2, 12, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 12, 151) }
```

Border

The CSS property to change the border of an element to YIQ 24.8560, -50.5790, 41.1090 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(2, 12, 151) }
```


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

```
.border{ border-color:rgb(2, 12, 151) }
```

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

Here you see how a box with a 4 pixel rgb(2, 12, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 12, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 12, 151);  
box-shadow:4px 4px 4px 4px rgb(2, 12, 151)  
}
```

Background

The CSS property to change the background color of an element to YIQ 24.8560, -50.5790, 41.1090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 12, 151) }
```

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

```
.background{ background-color: rgb(2, 12,  
151) }
```

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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