

Converting Colors

YIQ(32.4680, -52.0020, 50.3820)

Have a look what the booklet for
YIQ(32.4680, -52.0020, 50.3820)
contains.

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Color

**YIQ(32.4680, -52.0020,
50.3820)**

Conversions

Conversions Part 1

Format	Color
Hex	0E0EB0
RGB	14, 14, 176
RGB Percent	5%, 5%, 69%
CMY	0.9449, 0.9451, 0.3101
CMYK	0.92, 0.92, 0.00, 0.31
HSL	240°, 85%, 37%
HSV	240°, 92%, 69%
XYZ	8.1666, 3.5389, 41.2831
YIQ	32.4680, -52.0020, 50.3820

Conversions

Conversions Part 2

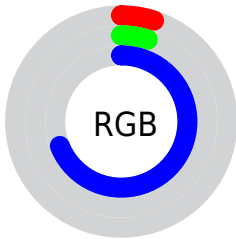
Format	Color
R_YB	14, 14, 176
Decimal	921264
CIE Lab	22.08, 56.48, -79.09
CIE LCh	22, 97.187, 305.529
Yxy	3.5389, 0.1541, 0.0668
Android (android.graphics.Color)	4279111344 (0xFF0E0EB0)
YUV	32.4680, 70.7613, -16.1964
Hunter-Lab	18.8120, 44.5695, -116.9442

Details

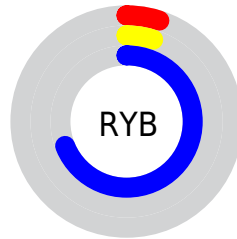
The YIQ color **32.4680, -52.0020, 50.3820** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **157.5320, 52.0020, -50.3820**, and the grayscale version is **32.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **95.2040, -33.3430, 59.1450**, and **13.9080, -39.1620, 37.9420** is the 20% darker color. If you saturate the color by 10%, you get **20.0640, -56.4960, 54.7360**, and if you desaturate by 10%, it is **48.4160, -46.2240, 44.7840**.

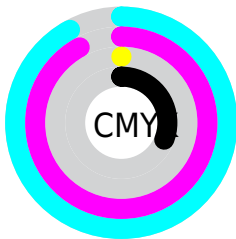
Distribution



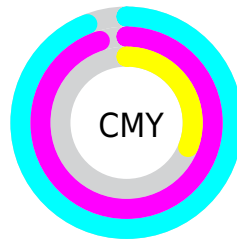
- Red (5%)
- Green (5%)
- Blue (69%)



- Red (5%)
- Yellow (5%)
- Blue (69%)



- Cyan (92%)
- Magenta (92%)
- Yellow (0%)
- Black (31%)



- Cyan (94%)
- Magenta (95%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 32.4680, -52.0020, 50.3820 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 32.4680, -52.0020, 50.3820 by changing the saturation by 10% instead.

■ 32.4680, -52.0020,
50.3820

■ 32.4680, -52.0020,
50.3820

■ 255.0000, -0.0000,
-0.0000

■ 16.8720, -47.5080,
46.0280

■ 95.2040, -33.3430,
59.1450

■ 13.9080, -39.1620,
37.9420

■ 122.5420,
-28.4830, 59.1730

■ 10.9440, -30.8160,
29.8560

■ 147.0730,
-17.1570, 52.1470

■ 12.7900, -24.9910,
17.8970

■ 171.3050, -6.4270,
44.9090

■ 7.7060, -16.1870,
12.5250

■ 196.4230, 4.6240,
37.3600

■ 3.5510, -8.6210,
7.5630

■ 222.1280, 15.4000,

■ 0.0000, 0.0000,

29.2880

0.0000

239.1510, 7.4250,
14.1210

32.4680, -52.0020,
50.3820

32.4680, -52.0020,
50.3820

20.0640, -56.4960,
54.7360

48.4160, -46.2240,
44.7840

63.4780, -40.7670,
39.4970

79.4260, -34.9890,
33.8990

94.4880, -29.5320,
28.6120

110.4360,
-23.7540, 23.0140

■ 126.3840,
-17.9760, 17.4160

■ 141.4460,
-12.5190, 12.1290

■ 157.3940, -6.7410,
6.5310

■ 172.4560, -1.2840,
1.2440

Harmonies

Analogous

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



61.5250, -83.6800, 29.7600



32.4680, -52.0020, 50.3820



54.9700, 46.5250, 65.4450

Triad

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



32.4680, -52.0020, 50.3820



39.3470, 62.5350, 17.5670



50.8480, -41.2150, -18.4870

Complementary

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



32.4680, -52.0020, 50.3820



157.5320, 52.0020, -50.3820

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.



42.2640, -19.8000, -37.6560



32.4680, -52.0020, 50.3820



49.0180, 16.7840, -17.8400

Square

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



32.4680, -52.0020, 50.3820



44.5510, 88.8040, 31.5880



39.9160, -18.7000, -35.5640



60.3440, -65.1980, 3.1700

Rectangle

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



32.4680, -52.0020, 50.3820



55.7770, 74.4490, 54.9690



39.9160, -18.7000, -35.5640



47.4110, -32.9150, -25.7390

Sweetspot

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



32.4680, -52.0020, 50.3820



172.4100, -20.8650, 20.2150



127.5620, -96.5520, -34.3440



80.4460, -12.5190, 12.1290



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



32.4680, -52.0020, 50.3820



26.2200, -73.8300, 71.5300



56.6870, -3.7260, 67.5540



79.0260, -2.8890, 2.7990



17.1000, -48.1500, 46.6500



2.6220, -7.3830, 7.1530

Inverse Universe

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



80.9060, 44.5500, 84.7260



94.8760, 63.5710, 119.9790



133.3130, 3.7260, -67.5540



81.7170, 2.4750, 4.7070



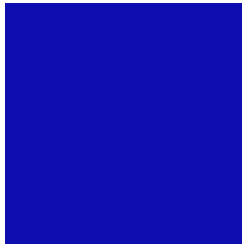
61.9500, 41.2500, 78.4500



9.4990, 6.3250, 12.0290

Previews

White Background



This preview shows how the YIQ color 32.4680, -52.0020, 50.3820 looks on a white background.

Color Contrast Check

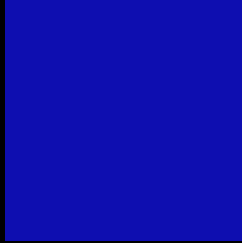
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.4680, -52.0020, 50.3820 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 32.4680, -52.0020, 50.3820

Background



This preview shows how black text looks on a background with the YIQ color 32.4680, -52.0020, 50.3820.



This preview shows how white text looks on a background with the YIQ color 32.4680, -52.0020,

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

32.4680, -52.0020, 50.3820

Protanopia

43.6510, -49.8850, 6.4910

Deuteranopia

43.4740, -45.2530, -0.3650

Trichromacy



Original Color

32.4680, -52.0020, 50.3820

Protanomaly

39.6640, -50.7590, 22.3370

Deuteranomaly

39.5840, -47.7780, 17.8700

Monochromacy



Original Color

32.4680, -52.0020, 50.3820

Achromatopsia

32.0000, -0.0000, -0.0000

Achromatomaly

31.7260, -18.9390, 18.3490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 32.4680, -52.0020, 50.3820 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(14, 14, 176)` looks like.

```
.text, #text, p{  
    color:rgb(14, 14, 176)  
}
```

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(14, 14, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 14, 176) }
```

Border

The CSS property to change the border of an element to YIQ 32.4680, -52.0020, 50.3820 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(14, 14, 176) }
```

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

```
.border{ border-color:rgb(14, 14, 176) }
```

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

Here you see how a box with a 4 pixel rgb(14, 14, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 14, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 14, 176);  
box-shadow:4px 4px 4px 4px rgb(14, 14,  
176) }
```


Background

The CSS property to change the background color of an element to YIQ 32.4680, -52.0020, 50.3820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 14, 176) }
```

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

```
.background{ background-color: rgb(14, 14,  
176) }
```

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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