

Converting Colors

YIQ(32.0560, -52.8770, 71.7550)

Have a look what the booklet for
YIQ(32.0560, -52.8770, 71.7550)
contains.

YIQ(32.0560, -52.8770, 71.7550)	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(32.0560, -52.8770,
71.7550)**

Conversions

Conversions Part 1

Format	Color
Hex	1A00D5
RGB	26, 0, 213
RGB Percent	10%, 0%, 84%
CMY	0.8977, 1.0000, 0.1651
CMYK	0.88, 1.00, 0.00, 0.17
HSL	247°, 100%, 42%
HSV	247°, 100%, 83%
XYZ	12.4254, 5.0195, 63.2012
YIQ	32.0560, -52.8770, 71.7550

Conversions

Conversions Part 2

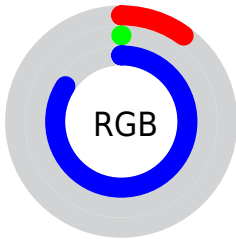
Format	Color
RYB	26, 0, 213
Decimal	1704149
CIELab	26.79, 69.32, -93.06
CIELCh	27, 116.040, 306.683
Yxy	5.0195, 0.1541, 0.0622
Android (android.graphics.Color)	4279894229 (0xFF1A00D5)
YUV	32.0560, 89.2054, -5.3111
Hunter-Lab	22.4043, 59.7884, -151.5708

Details

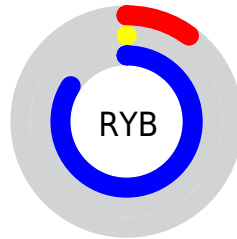
The YIQ color **32.0560, -52.8770, 71.7550** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **180.9440, 52.8770, -71.7550**, and the grayscale version is **31.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **102.1970, -31.4650, 69.1670**, and **17.7840, -50.0760, 48.5160** is the 20% darker color. If you saturate the color by 10%, you get **32.0560, -52.8770, 71.7550**, and if you desaturate by 10%, it is **50.0640, -47.3280, 64.8000**.

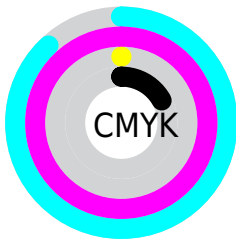
Distribution



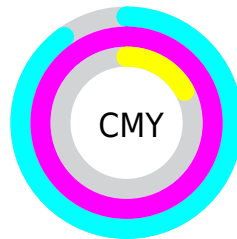
- Red (10%)
- Green (0%)
- Blue (84%)



- Red (10%)
- Yellow (0%)
- Blue (84%)



- Cyan (88%)
- Magenta (100%)
- Yellow (0%)
- Black (17%)



- Cyan (90%)
- Magenta (100%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 32.0560, -52.8770, 71.7550 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 32.0560, -52.8770, 71.7550 by changing the saturation by 10% instead.

■ 32.0560, -52.8770,
71.7550

■ 32.0560, -52.8770,
71.7550

■ 255.0000, -0.0000,
-0.0000

■ 20.9760, -59.0640,
57.2240

■ 102.1970,
-31.4650, 69.1670

■ 17.7840, -50.0760,
48.5160

■ 127.9130,
-19.2220, 62.0420

■ 14.7060, -41.4090,
40.1190

■ 152.7430, -7.3000,
55.2280

■ 16.4380, -35.2630,
27.8490

■ 178.7470, 4.0720,
47.3680

■ 14.7620, -27.7880,
19.0280

■ 204.1640, 15.7190,
40.0310

■ 9.0910, -18.7090,
14.1790


■ 224.4760, 14.3000,


■ 4.8220, -10.8220,


27.1960


8.9060


 241.4990, 6.3250,
12.0290


 0.3420, -0.9630,
0.9330

 0.0000, 0.0000,
0.0000

 32.0560, -52.8770,
71.7550

 50.0640, -47.3280,
64.8000

 68.3600, -42.6500,
57.1100

 86.3680, -37.1010,
50.1550

 104.3760,
-31.5520, 43.2000

■ 122.0850,
-26.5990, 36.0330

■ 140.6800,
-21.3250, 28.5550

■ 158.6880,
-15.7760, 21.6000

■ 176.6960,
-10.2270, 14.6450

■ 194.9920, -5.5490,
6.9550

Harmonies

Analogous

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



73.8130, -101.7460, 37.7900



32.0560, -52.8770, 71.7550



66.9320, 58.8560, 78.7600

Triad

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



32.0560, -52.8770, 71.7550



46.5010, 73.9050, 20.7610



61.0040, -50.5220, -20.5220

Complementary

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



32.0560, -52.8770, 71.7550



180.9440, 52.8770, -71.7550

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.



50.4820, -23.6500, -44.9780



32.0560, -52.8770, 71.7550



57.8560, 17.0600, -22.8440

Square

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



32.0560, -52.8770, 71.7550



53.5210, 106.6840, 37.9480



47.5470, -22.2750, -42.3630



73.0250, -80.2370, 5.8990

Rectangle

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



32.0560, -52.8770, 71.7550



67.4960, 91.7780, 65.8100



47.5470, -22.2750, -42.3630



56.8830, -40.2960, -29.6400

Sweetspot

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



32.0560, -52.8770, 71.7550



190.3550, -19.0320, 25.5440



134.6380, -120.0730, -32.0810



88.7390, -11.7860, 15.3660



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



32.0560, -52.8770, 71.7550



38.3390, -63.3790, 85.8770



63.4510, 9.7030, 94.0150



97.8520, -2.3390, 3.8450



25.7730, -42.3750, 57.6330



6.3970, -10.8230, 14.4330

Inverse Universe

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



85.0050, 66.9210, 103.3130



101.7810, 80.0760, 123.7240



149.5490, -9.7030, -94.0150



100.4290, 3.3460, 5.4420



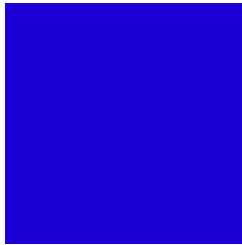
68.2290, 53.7660, 82.9020



17.1890, 13.4300, 20.9340

Previews

White Background



This preview shows how the YIQ color 32.0560, -52.8770, 71.7550 looks on a white background.

Color Contrast Check

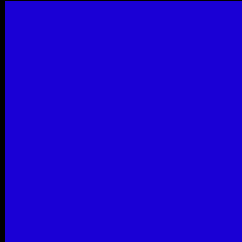
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.0560, -52.8770, 71.7550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

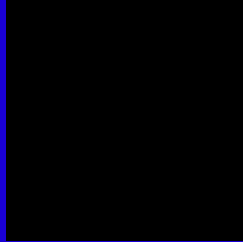
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 32.0560, -52.8770, 71.7550

Background



This preview shows how black text looks on a background with the YIQ color 32.0560, -52.8770, 71.7550.



This preview shows how white text looks on a background with the YIQ color 32.0560, -52.8770,

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

32.0560, -52.8770, 71.7550

Protanopia

52.0290, -59.6970, 8.1030

Deuteranopia

52.0970, -54.3770, -0.2090



Tritanopia

51.5150, -44.4710, -14.5430

Trichromacy



Original Color

32.0560, -52.8770, 71.7550

Protanomaly

44.5250, -57.3170, 31.0590

Deuteranomaly

44.9180, -54.2900, 25.7580

Tritanomaly

44.0570, -47.7320, 17.0360

Monochromacy



Original Color

32.0560, -52.8770, 71.7550

Achromatopsia

32.0000, -0.0000, -0.0000

Achromatomaly

31.8820, -19.0780, 26.3780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 32.0560, -52.8770, 71.7550 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(26, 0, 213)` looks like.

```
.text, #text, p{  
    color:rgb(26, 0, 213)  
}
```

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(26, 0, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 0, 213) }
```

Border

The CSS property to change the border of an element to YIQ 32.0560, -52.8770, 71.7550 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(26, 0, 213) }
```


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

```
.border{ border-color:rgb(26, 0, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 0, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 0, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 0, 213);  
box-shadow:4px 4px 4px 4px rgb(26, 0, 213)  
}
```

Background

The CSS property to change the background color of an element to YIQ 32.0560, -52.8770, 71.7550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 0, 213) }
```

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

```
.background{ background-color: rgb(26, 0,  
213) }
```

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