

Converting Colors

YIQ(21.4320, -60.3480, 58.4680)

Have a look what the booklet for
YIQ(21.4320, -60.3480, 58.4680)
contains.

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Color

**YIQ(21.4320, -60.3480,
58.4680)**

Conversions

Conversions Part 1

Format	Color
Hex	0000BC
RGB	0, 0, 188
RGB Percent	0%, 0%, 74%
CMY	0.9997, 1.0000, 0.2631
CMYK	1.00, 1.00, 0.00, 0.26
HSL	240°, 100%, 37%
HSV	240°, 100%, 74%
XYZ	9.0669, 3.6268, 47.7436
YIQ	21.4320, -60.3480, 58.4680

Conversions

Conversions Part 2

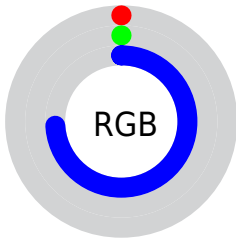
Format	Color
RYB	0, 0, 188
Decimal	188
CIELab	22.40, 62.95, -85.74
CIElCh	22, 106.371, 306.288
Yxy	3.6268, 0.1500, 0.0600
Android (android.graphics.Color)	4278190268 (0xFF0000BC)
YUV	21.4320, 82.1180, -18.7959
Hunter-Lab	19.0442, 51.6561, -135.3087

Details

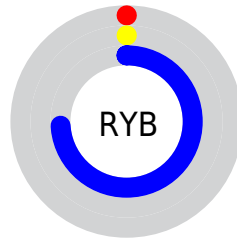
The YIQ color **21.4320, -60.3480, 58.4680** is a dark color, and the websafe version is hex **3300CC**. A complement of this color would be **166.5680, 60.3480, -58.4680**, and the grayscale version is **21.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **94.3490, -34.9490, 66.2270**, and **15.1620, -42.6930, 41.3630** is the 20% darker color. If you saturate the color by 10%, you get **21.4320, -60.3480, 58.4680**, and if you desaturate by 10%, it is **38.2660, -54.2490, 52.5590**.

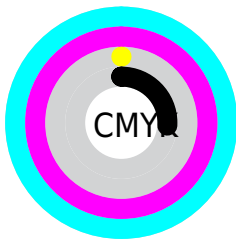
Distribution



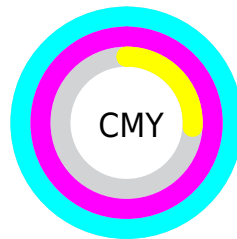
- Red (0%)
- Green (0%)
- Blue (74%)



- Red (0%)
- Yellow (0%)
- Blue (74%)



- Cyan (100%)
- Magenta (100%)
- Yellow (0%)
- Black (26%)



- Cyan (100%)
- Magenta (100%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 21.4320, -60.3480, 58.4680 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 21.4320, -60.3480, 58.4680 by changing the saturation by 10% instead.

■ 21.4320, -60.3480,
58.4680

■ 21.4320, -60.3480,
58.4680

■ 253.8260, 0.5500,
1.0460

■ 18.2400, -51.3600,
49.7600

■ 94.3490, -34.9490,
66.2270

■ 15.1620, -42.6930,
41.3630

■ 120.2050,
-25.9160, 62.2120

■ 12.0840, -34.0260,
32.9660

■ 145.0350,
-13.9940, 55.3980

■ 15.6910, -29.0260,
19.4380

■ 170.1530, -2.9430,
47.8490

■ 9.4330, -19.6720,
15.1120

■ 195.2710, 8.1080,
40.3000

■ 5.1640, -11.7850,
9.8390

■ 219.7800, 16.5000,


■ 1.0260, -2.8890,


31.3800


2.7990


 236.8030, 8.5250,
16.2130


 0.0000, 0.0000,
0.0000


 21.4320, -60.3480,
58.4680

 38.2660, -54.2490,
52.5590

 55.1000, -48.1500,
46.6500

 71.0480, -42.3720,
41.0520

 87.8820, -36.2730,
35.1430

 104.7160,
-30.1740, 29.2340

■ 121.5500,
-24.0750, 23.3250

■ 138.3840,
-17.9760, 17.4160

■ 154.3320,
-12.1980, 11.8180

■ 171.1660, -6.0990,
5.9090

Harmonies

Analogous

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



64.5230, -89.3660, 33.6900



21.4320, -60.3480, 58.4680



58.5300, 50.8800, 69.1200

Triad

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



21.4320, -60.3480, 58.4680



37.0210, 66.5690, 21.5530



52.0050, -43.0950, -17.4550

Complementary

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



21.4320, -60.3480, 58.4680



166.5680, 60.3480, -58.4680

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.



43.4380, -20.3500, -38.7020



21.4320, -60.3480, 58.4680



49.0070, 15.3170, -18.7870

Square

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



21.4320, -60.3480, 58.4680



46.9430, 93.5720, 33.2840



40.5030, -18.9750, -36.0870



63.3590, -69.5540, 5.0220

Rectangle

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



21.4320, -60.3480, 58.4680



59.1800, 80.6840, 57.6120



40.5030, -18.9750, -36.0870



48.1120, -33.5110, -25.9510

Sweetspot

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



21.4320, -60.3480, 58.4680



179.4360, -23.7540, 23.0140



131.7880, -112.0480, -39.8560



83.0160, -14.1240, 13.6840



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



21.4320, -60.3480, 58.4680



27.9300, -78.6450, 76.1950



49.5380, -4.3240, 78.3960



86.0260, -2.8890, 2.7990



18.0120, -50.7180, 49.1380



3.5340, -9.9510, 9.6410

Inverse Universe

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



77.6440, 51.7000, 98.3240



101.1850, 67.3750, 128.1350



138.4620, 4.3240, -78.3960



88.7170, 2.4750, 4.7070



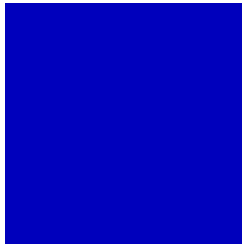
65.2540, 43.4500, 82.6340



12.8030, 8.5250, 16.2130

Previews

White Background



This preview shows how the YIQ color 21.4320, -60.3480, 58.4680 looks on a white background.

Color Contrast Check

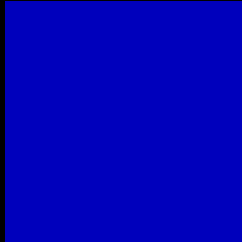
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.4320, -60.3480, 58.4680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

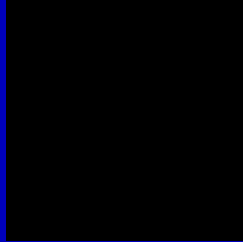
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 21.4320, -60.3480, 58.4680

Background



This preview shows how black text looks on a background with the YIQ color 21.4320, -60.3480, 58.4680.



This preview shows how white text looks on a background with the YIQ color 21.4320, -60.3480,

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

21.4320, -60.3480, 58.4680

Protanopia

45.3950, -52.0400, 7.0000

Deuteranopia

45.6910, -47.3620, -0.6900

Trichromacy



Original Color

21.4320, -60.3480, 58.4680

Protanomaly

36.7330, -55.2070, 25.8570

Deuteranomaly

37.1260, -52.1800, 20.5560

Monochromacy



Original Color

21.4320, -60.3480, 58.4680

Achromatopsia

21.0000, -0.0000, -0.0000

Achromatomaly

20.8660, -22.1490, 21.4590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 21.4320, -60.3480, 58.4680 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(0, 0, 188)` looks like.

```
.text, #text, p{  
    color:rgb(0, 0, 188)  
}
```

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(0, 0, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 0, 188) }
```

Border

The CSS property to change the border of an element to YIQ 21.4320, -60.3480, 58.4680 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(0, 0, 188) }
```

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

```
.border{ border-color:rgb(0, 0, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 0, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 0, 188); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 0, 188); box-shadow:4px  
4px 4px 4px rgb(0, 0, 188) }
```


Background

The CSS property to change the background color of an element to YIQ 21.4320, -60.3480, 58.4680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 0, 188) }
```

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

```
.background{ background-color: rgb(0, 0,  
188) }
```

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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