

Converting Colors

YIQ(22.3610, -61.5860, 58.8780)

Have a look what the booklet for
YIQ(22.3610, -61.5860, 58.8780)
contains.

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Color

**YIQ(22.3610, -61.5860,
58.8780)**

Conversions

Conversions Part 1

Format	Color
Hex	0001BF
RGB	0, 1, 191
RGB Percent	0%, 0%, 75%
CMY	0.9997, 0.9961, 0.2514
CMYK	1.00, 0.99, 0.00, 0.25
HSL	240°, 100%, 37%
HSV	240°, 100%, 75%
XYZ	9.4042, 3.7791, 49.4664
YIQ	22.3610, -61.5860, 58.8780

Conversions

Conversions Part 2

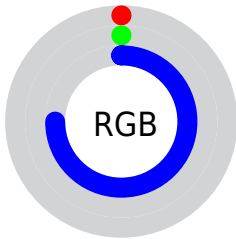
Format	Color
R_{YB}	0, 1, 191
Decimal	447
CIE _{Lab}	22.93, 63.47, -86.63
CIE _{LCh}	23, 107.395, 306.227
Yxy	3.7791, 0.1501, 0.0603
Android (android.graphics.Color)	4278190527 (0xFF0001BF)
YUV	22.3610, 83.1390, -19.6106
Hunter-Lab	19.4399, 52.3308, -137.2600

Details

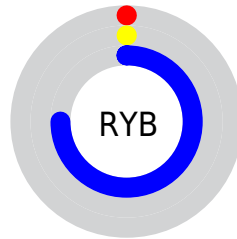
The YIQ color **22.3610, -61.5860, 58.8780** is a dark color, and the websafe version is hex **3300CC**. A complement of this color would be **168.6390, 61.5860, -58.8780**, and the grayscale version is **22.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **95.5770, -35.5910, 66.8490**, and **15.5040, -43.6560, 42.2960** is the 20% darker color. If you saturate the color by 10%, you get **22.3610, -61.5860, 58.8780**, and if you desaturate by 10%, it is **39.1950, -55.4870, 52.9690**.

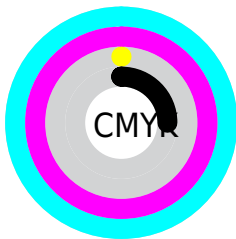
Distribution



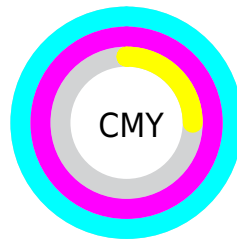
- Red (0%)
- Green (0%)
- Blue (75%)



- Red (0%)
- Yellow (0%)
- Blue (75%)



- Cyan (100%)
- Magenta (99%)
- Yellow (0%)
- Black (25%)



- Cyan (100%)
- Magenta (100%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 22.3610, -61.5860, 58.8780 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 22.3610, -61.5860, 58.8780 by changing the saturation by 10% instead.

■ 22.3610, -61.5860,
58.8780

■ 22.3610, -61.5860,
58.8780

254.4130, 0.2750,
0.5230

■ 18.5820, -52.3230,
50.6930

■ 95.5770, -35.5910,
66.8490

■ 15.5040, -43.6560,
42.2960

■ 121.0910,
-25.5950, 61.9010

■ 12.4260, -34.9890,
33.8990

■ 145.9210,
-13.6730, 55.0870

■ 16.0330, -29.9890,
20.3710

■ 171.0390, -2.6220,
47.5380

■ 10.2480, -20.5890,
15.2110

■ 196.4560, 9.0250,
40.2010

■ 5.3920, -12.4270,
10.4610

■ 220.3670, 16.2250,


■ 2.0690, -4.4480,


30.8570


3.5200


 237.3900, 8.2500,
15.6900


 0.0000, 0.0000,
0.0000


 22.3610, -61.5860,
58.8780

 39.1950, -55.4870,
52.9690

 56.0290, -49.3880,
47.0600

 72.8630, -43.2890,
41.1510

 89.6970, -37.1900,
35.2420

 106.8300,
-30.4950, 29.5450

■ 123.6640,
-24.3960, 23.6360

■ 140.4980,
-18.2970, 17.7270

■ 157.3320,
-12.1980, 11.8180

■ 174.1660, -6.0990,
5.9090

Harmonies

Analogous

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



65.5660, -90.9250, 34.4110



22.3610, -61.5860, 58.8780



59.3560, 51.4300, 70.1660

Triad

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



22.3610, -61.5860, 58.8780



37.6190, 67.7610, 21.9770



53.2930, -43.9660, -18.1900

Complementary

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



22.3610, -61.5860, 58.8780



168.6390, 61.5860, -58.8780

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.



44.0250, -20.6250, -39.2250



22.3610, -61.5860, 58.8780



49.8930, 15.6380, -19.0980

Square

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



22.3610, -61.5860, 58.8780



47.5410, 94.7640, 33.7080



41.6770, -19.5250, -37.1330



64.2880, -70.7920, 5.4320

Rectangle

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



22.3610, -61.5860, 58.8780



60.1910, 82.1510, 58.5590



41.6770, -19.5250, -37.1330



49.4000, -34.3820, -26.6860

Sweetspot

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



22.3610, -61.5860, 58.8780



182.0230, -24.0290, 22.4910



133.5490, -112.8730, -41.4250



85.1300, -14.4450, 13.9950



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



22.3610, -61.5860, 58.8780



28.7450, -79.5620, 76.2940



49.2820, -6.4790, 78.9050



86.0260, -2.8890, 2.7990



18.5990, -50.9930, 48.6150



3.5340, -9.9510, 9.6410

Inverse Universe

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



57.2230, 113.5150, 40.8030



73.9670, 146.8910, 52.6750



141.7180, 6.4790, -78.9050



87.6910, 5.3640, 1.9080



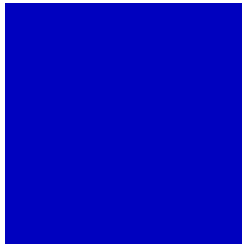
47.3560, 93.8470, 33.8070



9.2690, 18.4760, 6.5720

Previews

White Background



This preview shows how the YIQ color 22.3610, -61.5860, 58.8780 looks on a white background.

Color Contrast Check

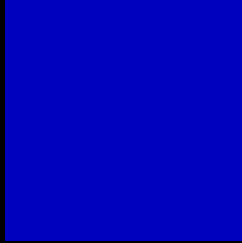
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.3610, -61.5860, 58.8780 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 22.3610, -61.5860, 58.8780

Background



This preview shows how black text looks on a background with the YIQ color 22.3610, -61.5860, 58.8780.



This preview shows how white text looks on a background with the YIQ color 22.3610, -61.5860,

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

22.3610, -61.5860, 58.8780

Protanopia

46.2100, -52.9570, 7.0990

Deuteranopia

46.5060, -48.2790, -0.5910



Tritanopia

45.2060, -39.1070, -12.6350

Trichromacy



Original Color

22.3610, -61.5860, 58.8780

Protanomaly

37.5480, -56.1240, 25.9560

Deuteranomaly

37.9410, -53.0970, 20.6550

Tritanomaly

36.8350, -47.2270, 13.3890

Monochromacy



Original Color

22.3610, -61.5860, 58.8780

Achromatopsia

22.0000, -0.0000, -0.0000

Achromatomaly

21.8660, -22.1490, 21.4590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 22.3610, -61.5860, 58.8780 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, 1, 191)` looks like.

```
.text, #text, p{  
    color:rgb(0, 1, 191)  
}
```

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, 1, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 1, 191) }
```

Border

The CSS property to change the border of an element to YIQ 22.3610, -61.5860, 58.8780 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, 1, 191) }
```


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

```
.border{ border-color:rgb(0, 1, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 1, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 1, 191); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 1, 191); box-shadow:4px  
4px 4px 4px rgb(0, 1, 191) }
```

Background

The CSS property to change the background color of an element to YIQ 22.3610, -61.5860, 58.8780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 1, 191) }
```

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

```
.background{ background-color: rgb(0, 1,  
191) }
```

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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