

Converting Colors

YIQ(121.6220, -68.1360,
23.3840)

Have a look what the booklet for
YIQ(121.6220, -68.1360, 23.3840)
contains.

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Color

**YIQ(121.6220, -68.1360,
23.3840)**

Conversions

Conversions Part 1

Format	Color
Hex	477DED
RGB	71, 125, 237
RGB Percent	28%, 49%, 93%
CMY	0.7216, 0.5097, 0.0709
CMYK	0.70, 0.47, 0.00, 0.07
HSL	220°, 82%, 60%
HSV	220°, 70%, 93%
XYZ	25.2067, 22.1212, 82.9923
YIQ	121.6220, -68.1360, 23.3840

Conversions

Conversions Part 2

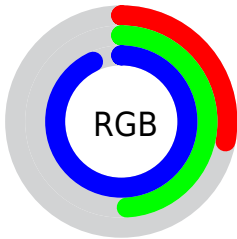
Format	Color
RYB	71, 112, 237
Decimal	4685293
CIELab	54.16, 18.85, -61.74
CIElCh	54, 64.548, 286.976
Yxy	22.1212, 0.1934, 0.1697
Android (android.graphics.Color)	4282875373 (0xFF477DED)
YUV	121.6220, 56.8814, -44.3955
Hunter-Lab	47.0332, 13.3564, -71.6969

Details

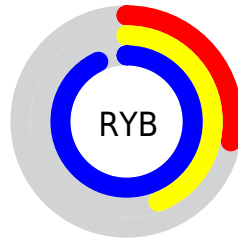
The YIQ color **121.6220, -68.1360, 23.3840** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle muted azure. A complement of this color would be **186.3780, 68.1360, -23.3840**, and the grayscale version is **121.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **173.9320, -48.8780, 15.7780**, and **65.7190, -78.9550, 15.7090** is the 20% darker color. If you saturate the color by 10%, you get **105.0540, -78.0400, 26.6640**, and if you desaturate by 10%, it is **138.1900, -58.2320, 20.1040**.

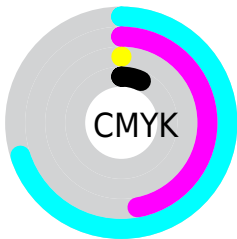
Distribution



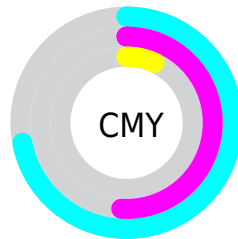
- Red (28%)
- Green (49%)
- Blue (93%)



- Red (28%)
- Yellow (44%)
- Blue (93%)



- Cyan (70%)
- Magenta (47%)
- Yellow (0%)
- Black (7%)



- Cyan (72%)
- Magenta (51%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 121.6220, -68.1360, 23.3840 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 121.6220, -68.1360, 23.3840 by changing the saturation by 10% instead.

■ 121.6220,
-68.1360, 23.3840

■ 121.6220,
-68.1360, 23.3840

■ 255.0000, -0.0000,
-0.0000

■ 89.2890, -80.5600,
17.2640

■ 173.9320,
-48.8780, 15.7780

■ 65.7190, -78.9550,
15.7090

■ 199.0500,
-37.8270, 8.2290

■ 49.7270, -64.2380,
18.8180

■ 224.4560,
-27.6470, -0.0550

■ 34.9090, -50.0710,
20.8810

■ 247.2260,
-15.4960, -5.5120

■ 20.9060, -36.8210,
23.0430

■ 13.9470, -26.8710,
18.9290

■ 8.2760, -17.7920,

14.0800

■ 4.5940, -10.1800,
8.2840

■ 0.0000, 0.0000,
0.0000

■ 121.6220,
-68.1360, 23.3840

■ 121.6220,
-68.1360, 23.3840

■ 105.0540,
-78.0400, 26.6640

■ 138.1900,
-58.2320, 20.1040

■ 88.7850, -87.3480,
30.1560

■ 154.4590,
-48.9240, 16.6120

■ 72.2170, -97.2520,
33.4360

■ 171.0270,
-39.0200, 13.3320

■ 187.5950,
-29.1160, 10.0520

■ 203.8640,
-19.8080, 6.5600

■ 220.4320, -9.9040,
3.2800

■ 237.0000, -0.0000,
-0.0000

■ 251.7740, 6.3280,
-4.5520

■ 252.9480, 5.7780,
-5.5980

Harmonies

Analogous

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



111.0730, -115.7230, -0.7710



121.6220, -68.1360, 23.3840



132.7260, 8.5650, 48.5410

Triad

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



121.6220, -68.1360, 23.3840



124.1520, 84.7730, 11.0210



101.4390, -74.8170, -48.2970

Complementary

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



121.6220, -68.1360, 23.3840



186.3780, 68.1360, -23.3840

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.



108.5650, -22.6860, -51.4380



121.6220, -68.1360, 23.3840



121.5910, 71.8500, -24.6140

Square

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



121.6220, -68.1360, 23.3840



121.8360, 83.9880, 41.7800



117.5060, 37.6960, -44.4160



109.2250, -93.9850, -31.3050

Rectangle

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



121.6220, -68.1360, 23.3840



129.5640, 44.3720, 54.9000



117.5060, 37.6960, -44.4160



98.6860, -68.4430, -53.6830

Sweetspot

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



121.6220, -68.1360, 23.3840



217.7220, -22.2840, 7.3800



181.0960, -81.2810, -52.2970



105.5180, -13.0220, 4.7220



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.



121.6220, -68.1360, 23.3840



106.4860, -87.9440, 29.9440



98.2960, -36.5980, 57.5620



109.0150, -4.3560, 1.8520



55.2670, -74.3260, 25.4340



16.1350, -22.0090, 7.9030

Inverse Universe

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



126.7900, 81.6020, 51.9860



112.9660, 105.0740, 67.1380



209.7040, 36.5980, -57.5620



109.6310, 5.5930, 3.2650



60.8450, 88.9370, 56.7210



18.0840, 26.7270, 16.7350

Previews

White Background



This preview shows how the YIQ color 121.6220, -68.1360, 23.3840 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 121.6220, -68.1360, 23.3840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

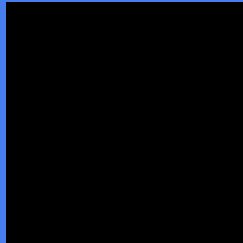
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

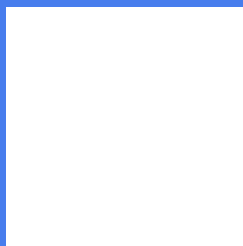
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 121.6220, -68.1360, 23.3840

Background



This preview shows how black text looks on a background with the YIQ color 121.6220, -68.1360, 23.3840.



This preview shows how white text looks on a background with the YIQ color 121.6220, -68.1360,

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

121.6220, -68.1360, 23.3840

Protanopia

121.9210, -67.5400, 23.5960

Deuteranopia

103.3450, -110.4970, 3.6390



Tritanopia

101.4970, -88.7590, -26.8950

Trichromacy



Original Color

121.6220, -68.1360, 23.3840

Protanomaly

121.9210, -67.5400, 23.5960

Deuteranomaly

110.1730, -95.0930, 10.8190

Tritanomaly

108.5820, -80.9680, -8.3920

Monochromacy



Original Color

121.6220, -68.1360, 23.3840

Achromatopsia

122.0000, 0.0000, -0.0000

Achromatomaly

121.6940, -25.0810, 8.5110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 121.6220, -68.1360, 23.3840 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(71, 125, 237)` looks like.

```
.text, #text, p{  
    color:rgb(71, 125, 237)  
}
```

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(71, 125, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 125, 237) }
```

Border

The CSS property to change the border of an element to YIQ 121.6220, -68.1360, 23.3840 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(71, 125, 237) }
```


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

```
.border{ border-color:rgb(71, 125, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 125, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 125, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 125, 237);  
box-shadow:4px 4px 4px 4px rgb(71, 125,  
237) }
```

Background

The CSS property to change the background color of an element to YIQ 121.6220, -68.1360, 23.3840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 125, 237) }
```

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

```
.background{ background-color: rgb(71, 125,  
237) }
```

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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