

Converting Colors

YIQ(78.1960, -32.0060, 18.3780)

Have a look what the booklet for
YIQ(78.1960, -32.0060, 18.3780)
contains.

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Color

**YIQ(78.1960, -32.0060,
18.3780)**

Conversions

Conversions Part 1

Format	Color
Hex	3B4B91
RGB	59, 75, 145
RGB Percent	23%, 29%, 57%
CMY	0.7686, 0.7059, 0.4316
CMYK	0.59, 0.48, 0.00, 0.43
HSL	229°, 42%, 40%
HSV	229°, 59%, 57%
XYZ	9.4275, 8.0058, 27.8178
YIQ	78.1960, -32.0060, 18.3780

Conversions

Conversions Part 2

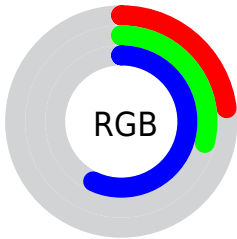
Format	Color
R_{YB}	59, 72, 145
Decimal	3885969
CIE _{Lab}	34.00, 15.95, -40.71
CIE _{LCh}	34, 43.723, 291.400
Yxy	8.0058, 0.2083, 0.1769
Android (android.graphics.Color)	4282076049 (0xFF3B4B91)
YUV	78.1960, 32.9344, -16.8349
Hunter-Lab	28.2946, 9.9592, -38.4846

Details

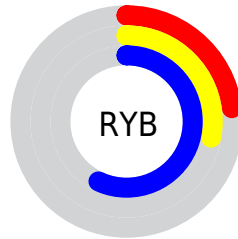
The YIQ color **78.1960, -32.0060, 18.3780** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **125.8040, 32.0060, -18.3780**, and the grayscale version is **78.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **128.9730, -29.7600, 21.7280**, and **29.5000, -38.9740, 12.4980** is the 20% darker color. If you saturate the color by 10%, you get **66.9660, -37.0500, 21.6860**, and if you desaturate by 10%, it is **89.7250, -26.3660, 15.2820**.

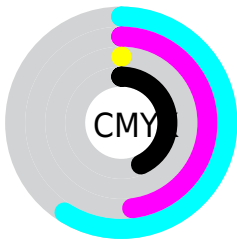
Distribution



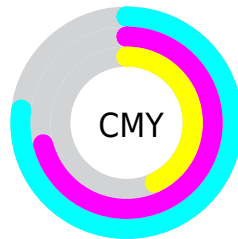
- Red (23%)
- Green (29%)
- Blue (57%)



- Red (23%)
- Yellow (28%)
- Blue (57%)



- Cyan (59%)
- Magenta (48%)
- Yellow (0%)
- Black (43%)



- Cyan (77%)
- Magenta (71%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 78.1960, -32.0060, 18.3780 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 78.1960, -32.0060, 18.3780 by changing the saturation by 10% instead.

■ 78.1960, -32.0060,
18.3780

■ 78.1960, -32.0060,
18.3780

■ 255.0000, -0.0000,
-0.0000

■ 53.3480, -35.4900,
15.4380

■ 128.9730,
-29.7600, 21.7280

■ 29.5000, -38.9740,
12.4980

■ 155.6140,
-30.1270, 22.8730

■ 13.2630, -24.9450,
17.0630

■ 182.9130,
-29.5310, 23.0850

■ 7.7060, -16.1870,
12.5250

■ 207.1340,
-20.2680, 14.9000

■ 3.4370, -8.3000,
7.2520

■ 232.2410,
-10.6840, 6.4040

■ 0.0000, 0.0000,
0.0000

■ 78.1960, -32.0060,
18.3780

■ 78.1960, -32.0060,
18.3780

■ 66.9660, -37.0500,
21.6860

■ 89.7250, -26.3660,
15.2820

■ 55.4370, -42.6900,
24.7820

■ 100.9550,
-21.3220, 11.9740

■ 44.7940, -48.0090,
27.5670

■ 111.5980,
-16.0030, 9.1890

■ 33.2650, -53.6490,
30.6630

■ 123.1270,
-10.3630, 6.0930

■ 32.3790, -53.9700,
30.9740

■ 134.3570, -5.3190,
2.7850

■ 145.8860, 0.3210,
-0.3110

■ 157.1160, 5.3650,
-3.6190

■ 168.0580, 11.2800,

-6.1920

■ 179.2880, 16.3240,
-9.5000

Harmonies

Analogous

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



68.0550, -71.7540, 0.8380



78.1960, -32.0060, 18.3780



82.2570, 10.7230, 31.4510

Triad

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



78.1960, -32.0060, 18.3780



76.6410, 52.3590, 3.7430



63.5170, -47.9530, -28.5370

Complementary

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



78.1960, -32.0060, 18.3780



125.8040, 32.0060, -18.3780

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.



65.3550, -21.3140, -32.2420



78.1960, -32.0060, 18.3780



75.4200, 41.9550, -16.9650

Square

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



78.1960, -32.0060, 18.3780



76.2460, 52.8140, 23.0380



72.5370, 19.2160, -28.8800



68.2080, -59.7840, -17.8640

Rectangle

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



78.1960, -32.0060, 18.3780



79.6740, 31.5380, 34.1780



72.5370, 19.2160, -28.8800



62.1490, -44.1010, -32.2690

Sweetspot

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



78.1960, -32.0060, 18.3780



162.3980, -12.5640, 7.4360



117.3480, -45.7990, -23.5190



78.0410, -7.2450, 4.6510



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



78.1960, -32.0060, 18.3780



84.9510, -49.8890, 28.5990



76.5780, -12.1100, 32.2580



65.9720, -2.7970, 1.1310



30.0650, -50.2100, 28.9100



1.4990, -2.8430, 1.9650

Inverse Universe

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



86.5380, 46.1200, 23.2080



97.9160, 71.8390, 36.1830



127.4220, 12.1100, -32.2580



66.3210, 3.5300, 2.1060



43.2150, 72.4350, 36.3950



2.5060, 4.4470, 2.0070

Previews

White Background



This preview shows how the YIQ color 78.1960, -32.0060, 18.3780 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 78.1960, -32.0060, 18.3780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

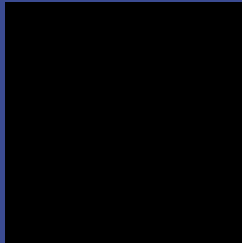
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 78.1960, -32.0060, 18.3780

Background



This preview shows how black text looks on a background with the YIQ color 78.1960, -32.0060, 18.3780.



This preview shows how white text looks on a background with the YIQ color 78.1960, -32.0060,

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

78.1960, -32.0060, 18.3780

Protanopia

75.1130, -42.1380, 14.7740

Deuteranopia

67.4370, -61.0260, 4.6540



Tritanopia

72.8480, -32.0470, -8.4230

Trichromacy



Original Color

78.1960, -32.0060, 18.3780

Protanomaly

75.9070, -38.5620, 16.0460

Deuteranomaly

71.4600, -50.6650, 9.6150

Tritanomaly

75.0580, -32.2780, 1.2740

Monochromacy



Original Color

78.1960, -32.0060, 18.3780

Achromatopsia

78.0000, -0.0000, -0.0000

Achromatomaly

78.0560, -11.6010, 6.5030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 78.1960, -32.0060, 18.3780 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(59, 75, 145)` looks like.

```
.text, #text, p{  
    color:rgb(59, 75, 145)  
}
```

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(59, 75, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 75, 145) }
```

Border

The CSS property to change the border of an element to YIQ 78.1960, -32.0060, 18.3780 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(59, 75, 145) }
```


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

```
.border{ border-color:rgb(59, 75, 145) }
```

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

Here you see how a box with a 4 pixel rgb(59, 75, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 75, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 75, 145);  
box-shadow:4px 4px 4px 4px rgb(59, 75,  
145) }
```

Background

The CSS property to change the background color of an element to YIQ 78.1960, -32.0060, 18.3780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 75, 145) }
```

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

```
.background{ background-color: rgb(59, 75,  
145) }
```

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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