

Converting Colors

YIQ(78.9750, -85.9680, 5.1360)

Have a look what the booklet for
YIQ(78.9750, -85.9680, 5.1360)
contains.

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Color

**YIQ(78.9750, -85.9680,
5.1360)**

Conversions

Conversions Part 1

Format	Color
Hex	0063B7
RGB	0, 99, 183
RGB Percent	0%, 39%, 72%
CMY	0.9999, 0.6116, 0.2828
CMYK	1.00, 0.46, 0.00, 0.28
HSL	208°, 100%, 36%
HSV	208°, 100%, 72%
XYZ	13.0023, 12.3462, 46.4410
YIQ	78.9750, -85.9680, 5.1360

Conversions

Conversions Part 2

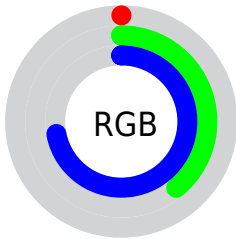
Format	Color
RYB	0, 64, 183
Decimal	25527
CIELab	41.76, 8.66, -50.96
CIELCh	42, 51.691, 279.644
Yxy	12.3462, 0.1811, 0.1720
Android (android.graphics.Color)	4278215607 (0xFF0063B7)
YUV	78.9750, 51.2843, -69.2611
Hunter-Lab	35.1372, 4.5627, -53.7679

Details

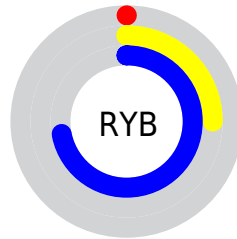
The YIQ color **78.9750, -85.9680, 5.1360** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **104.0250, 85.9680, -5.1360**, and the grayscale version is **79.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **142.6300, -62.5870, 16.4290**, and **46.4040, -56.2590, 11.8770** is the 20% darker color. If you saturate the color by 10%, you get **78.9750, -85.9680, 5.1360**, and if you desaturate by 10%, it is **89.0530, -77.4400, 4.7680**.

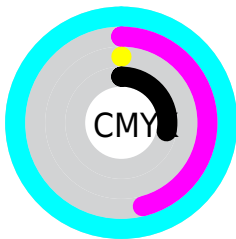
Distribution



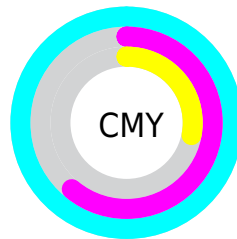
- Red (0%)
- Green (39%)
- Blue (72%)



- Red (0%)
- Yellow (25%)
- Blue (72%)



- Cyan (100%)
- Magenta (46%)
- Yellow (0%)
- Black (28%)



- Cyan (100%)
- Magenta (61%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 78.9750, -85.9680, 5.1360 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 78.9750, -85.9680, 5.1360 by changing the saturation by 10% instead.

■ 78.9750, -85.9680,
5.1360

■ 78.9750, -85.9680,
5.1360

■ 255.0000, -0.0000,
-0.0000

■ 62.3960, -70.9760,
8.7680

■ 142.5160,
-62.2660, 16.1180

■ 46.4040, -56.2590,
11.8770

■ 169.4580,
-56.3510, 13.5450

■ 31.1130, -42.1380,
14.7740

■ 194.2770,
-45.8960, 5.7840

■ 14.2890, -27.8340,
19.8620

■ 219.6830,
-35.7160, -2.5000

■ 9.2050, -19.0300,
14.4900

■ 242.7410,
-24.4360, -8.6920

■ 4.9360, -11.1430,
9.2170

■ 251.7110, -6.5560,

■ 0.6840, -1.9260,

-2.3320

1.8660

■ 0.0000, 0.0000,
0.0000

■ 78.9750, -85.9680,
5.1360

■ 89.0530, -77.4400,
4.7680

■ 100.0170,
-68.5910, 4.0890

■ 110.0950,
-60.0630, 3.7210

■ 120.7600,
-51.8100, 2.8300

■ 130.8380,
-43.2820, 2.4620

■ 141.2150,
-34.1580, 2.3060

■ 151.8800,
-25.9050, 1.4150

■ 161.9580,
-17.3770, 1.0470

■ 172.9220, -8.5280,
0.3680

Harmonies

Analogous

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



85.4490, -87.6630, -2.6950



78.9750, -85.9680, 5.1360



101.3400, -5.5080, 33.7560

Triad

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



78.9750, -85.9680, 5.1360



94.2070, 65.7450, 14.4570



75.7300, -53.4070, -39.8310

Complementary

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



78.9750, -85.9680, 5.1360



104.0250, 85.9680, -5.1360

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.



85.6480, -3.3860, -37.7700



78.9750, -85.9680, 5.1360



93.7380, 58.7350, -12.6970

Square

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



78.9750, -85.9680, 5.1360



93.6420, 60.9270, 35.7030



90.9810, 35.4010, -30.3510



82.0340, -68.4020, -26.8820

Rectangle

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



78.9750, -85.9680, 5.1360



100.0680, 24.7970, 40.7090



90.9810, 35.4010, -30.3510



73.5470, -48.6380, -43.6620

Sweetspot

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



78.9750, -85.9680, 5.1360



196.9870, -33.5160, 1.6840



116.7690, -76.6470, -70.2070



95.4030, -20.1280, 1.3440



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



78.9750, -85.9680, 5.1360



102.1540, -111.2770, 6.7630



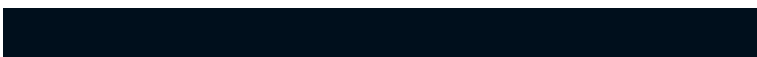
26.1450, -61.2180, 52.2060



86.9610, -4.2640, 0.1840



67.0920, -73.1760, 4.5840



11.9970, -13.1130, 0.8630

Inverse Universe

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



66.0030, 77.2890, 69.5850



85.4550, 100.1640, 90.0520



156.8550, 61.2180, -52.2060



86.2610, 3.7590, 3.4630



56.2200, 66.0120, 59.1960



10.0820, 11.8730, 10.6010

Previews

White Background



This preview shows how the YIQ color 78.9750, -85.9680, 5.1360 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 × Fail

Black Background



This preview shows how the YIQ color 78.9750, -85.9680, 5.1360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

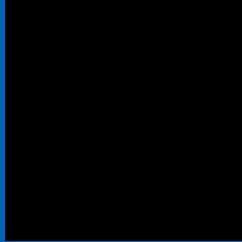
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 78.9750, -85.9680, 5.1360

Background



This preview shows how black text looks on a background with the YIQ color 78.9750, -85.9680, 5.1360.



This preview shows how white text looks on a background with the YIQ color 78.9750, -85.9680,

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

78.9750, -85.9680, 5.1360

Protanopia

93.8010, -49.8870, 17.5450

Deuteranopia

78.8780, -84.3170, 2.7470



Tritanopia

77.3210, -67.5320, -20.6200

Trichromacy



Original Color

78.9750, -85.9680, 5.1360

Protanomaly

88.2230, -62.9990, 12.8810

Deuteranomaly

79.1060, -84.9590, 3.3690

Tritanomaly

77.7090, -74.1360, -11.0640

Monochromacy



Original Color

78.9750, -85.9680, 5.1360

Achromatopsia

79.0000, -0.0000, 0.0000

Achromatomaly

78.7700, -31.4070, 2.0090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 78.9750, -85.9680, 5.1360 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, 99, 183)` looks like.

```
.text, #text, p{  
    color:rgb(0, 99, 183)  
}
```

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, 99, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 99, 183) }
```

Border

The CSS property to change the border of an element to YIQ 78.9750, -85.9680, 5.1360 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, 99, 183) }
```


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

```
.border{ border-color:rgb(0, 99, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 99, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 99, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 99, 183);  
box-shadow:4px 4px 4px 4px rgb(0, 99, 183)  
}
```

Background

The CSS property to change the background color of an element to YIQ 78.9750, -85.9680, 5.1360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 99, 183) }
```

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

```
.background{ background-color: rgb(0, 99,  
183) }
```

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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