

Converting Colors

YIQ(77.1800, -87.8030, 10.8610)

Have a look what the booklet for
YIQ(77.1800, -87.8030, 10.8610)
contains.

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Color

**YIQ(77.1800, -87.8030,
10.8610)**

Conversions

Conversions Part 1

Format	Color
Hex	005EC1
RGB	0, 94, 193
RGB Percent	0%, 37%, 76%
CMY	0.9998, 0.6312, 0.2436
CMYK	1.00, 0.51, 0.00, 0.24
HSL	211°, 100%, 38%
HSV	211°, 100%, 76%
XYZ	13.6198, 11.8579, 51.9597
YIQ	77.1800, -87.8030, 10.8610

Conversions

Conversions Part 2

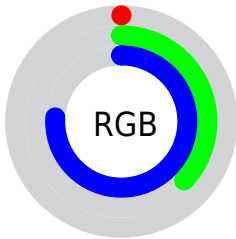
Format	Color
RYB	0, 63, 193
Decimal	24257
CIELab	40.99, 16.00, -58.03
CIELCh	41, 60.199, 285.416
Yxy	11.8579, 0.1759, 0.1531
Android (android.graphics.Color)	4278214337 (0xFF005EC1)
YUV	77.1800, 57.0993, -67.6869
Hunter-Lab	34.4353, 10.3382, -65.3583

Details

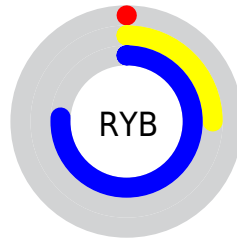
The YIQ color **77.1800, -87.8030, 10.8610** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed blue. A complement of this color would be **115.8200, 87.8030, -10.8610**, and the grayscale version is **77.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **141.7320, -62.6340, 22.7900**, and **44.4950, -57.7730, 17.2910** is the 20% darker color. If you saturate the color by 10%, you get **77.1800, -87.8030, 10.8610**, and if you desaturate by 10%, it is **88.7310, -79.2290, 9.6590**.

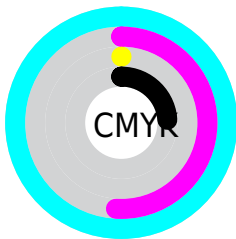
Distribution



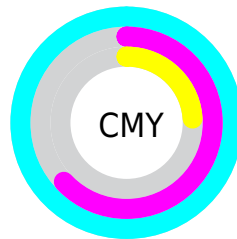
- Red (0%)
- Green (37%)
- Blue (76%)



- Red (0%)
- Yellow (25%)
- Blue (76%)



- Cyan (100%)
- Magenta (51%)
- Yellow (0%)
- Black (24%)



- Cyan (100%)
- Magenta (63%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 77.1800, -87.8030, 10.8610 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 77.1800, -87.8030, 10.8610 by changing the saturation by 10% instead.

■ 77.1800, -87.8030,
10.8610

■ 77.1800, -87.8030,
10.8610

■ 255.0000, -0.0000,
-0.0000

■ 60.4870, -72.4900,
14.1820

■ 141.7320,
-62.6340, 22.7900

■ 44.4950, -57.7730,
17.2910

■ 166.8330,
-52.9130, 17.3190

■ 30.3780, -44.2020,
19.1420

■ 191.9510,
-41.8620, 9.7700

■ 11.6790, -28.7520,
25.4880

■ 217.3570,
-31.6820, 1.4860

■ 10.7040, -21.8730,
16.4550

■ 242.7630,
-21.5020, -6.7980

■ 6.3210, -13.6650,
10.8710

■ 253.2060, -3.5760,

■ 2.6390, -6.0530,

-1.2720

5.0750

■ 0.0000, 0.0000,
0.0000

■ 77.1800, -87.8030,
10.8610

■ 88.7310, -79.2290,
9.6590

■ 100.5810,
-70.0590, 8.6690

■ 112.1320,
-61.4850, 7.4670

■ 123.6830,
-52.9110, 6.2650

■ 134.6470,
-44.0620, 5.5860

■ 146.4970,
-34.8920, 4.5960

■ 158.0480,
-26.3180, 3.3940

■ 169.5990,
-17.7440, 2.1920

■ 181.4490, -8.5740,
1.2020

Harmonies

Analogous

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



85.9850, -91.9280, 3.0160



77.1800, -87.8030, 10.8610



98.6990, 4.0270, 42.6750

Triad

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



77.1800, -87.8030, 10.8610



89.8890, 75.3280, 11.4880



76.6590, -54.6450, -39.4210

Complementary

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



77.1800, -87.8030, 10.8610



115.8200, 87.8030, -10.8610

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.



75.5270, -19.5230, -48.1870



77.1800, -87.8030, 10.8610



91.4450, 58.0020, -15.9340

Square

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



77.1800, -87.8030, 10.8610



85.1600, 74.2680, 41.7240



87.9800, 27.9740, -33.4180



83.1740, -71.6120, -23.7720

Rectangle

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



77.1800, -87.8030, 10.8610



93.9220, 37.3120, 50.6880



87.9800, 27.9740, -33.4180



74.1340, -48.9130, -44.1850

Sweetspot

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



77.1800, -87.8030, 10.8610



204.6820, -33.9750, 4.4970



124.2350, -83.8910, -71.0830



98.0440, -20.4950, 2.4890



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.



77.1800, -87.8030, 10.8610



100.1140, -113.8000, 13.9440



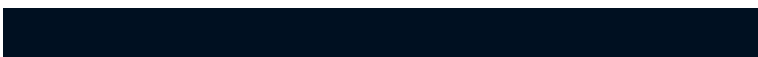
22.0020, -61.9530, 60.0230



91.0750, -4.5850, 0.4950



64.1400, -73.1310, 9.2770



13.1540, -14.9930, 1.8950

Inverse Universe

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



68.4230, 84.8540, 70.1500



88.6580, 109.8380, 90.9420



170.9980, 61.9530, -60.0230



90.5600, 4.3550, 3.6750



57.0310, 70.9180, 58.3900



11.6910, 14.5320, 11.9720

Previews

White Background



This preview shows how the YIQ color 77.1800, -87.8030, 10.8610 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 77.1800, -87.8030, 10.8610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

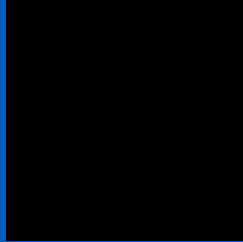
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 77.1800, -87.8030, 10.8610

Background



This preview shows how black text looks on a background with the YIQ color 77.1800, -87.8030, 10.8610.



This preview shows how white text looks on a background with the YIQ color 77.1800, -87.8030,

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

77.1800, -87.8030, 10.8610

Protanopia

85.7480, -68.7310, 17.6450

Deuteranopia

77.6070, -82.1160, 1.4040

Trichromacy



Original Color

77.1800, -87.8030, 10.8610

Protanomaly

82.4590, -75.2870, 15.3130

Deuteranomaly

77.3450, -84.1340, 4.9380

Monochromacy



Original Color

77.1800, -87.8030, 10.8610

Achromatopsia

77.0000, -0.0000, -0.0000

Achromatomaly

76.9380, -31.8200, 3.9880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 77.1800, -87.8030, 10.8610 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, 94, 193)` looks like.

```
.text, #text, p{  
    color:rgb(0, 94, 193)  
}
```

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, 94, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 94, 193) }
```

Border

The CSS property to change the border of an element to YIQ 77.1800, -87.8030, 10.8610 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, 94, 193) }
```

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

```
.border{ border-color:rgb(0, 94, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 94, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 94, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 94, 193);  
box-shadow:4px 4px 4px 4px rgb(0, 94, 193)  
}
```


Background

The CSS property to change the background color of an element to YIQ 77.1800, -87.8030, 10.8610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 94, 193) }
```

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

```
.background{ background-color: rgb(0, 94,  
193) }
```

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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