

Converting Colors

YIQ(77.0780, -95.7830, 23.3290)

Have a look what the booklet for
YIQ(77.0780, -95.7830, 23.3290)
contains.

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Color

**YIQ(77.0780, -95.7830,
23.3290)**

Conversions

Conversions Part 1

Format	Color
Hex	0058DF
RGB	0, 88, 223
RGB Percent	0%, 35%, 87%
CMY	0.9998, 0.6548, 0.1260
CMYK	1.00, 0.60, 0.00, 0.13
HSL	216°, 100%, 44%
HSV	216°, 100%, 87%
XYZ	16.7954, 12.3066, 71.2149
YIQ	77.0780, -95.7830, 23.3290

Conversions

Conversions Part 2

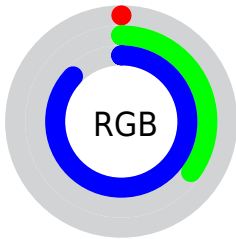
Format	Color
RYB	0, 63, 223
Decimal	22751
CIELab	41.70, 31.87, -74.13
CIELCh	42, 80.688, 293.268
Yxy	12.3066, 0.1674, 0.1227
Android (android.graphics.Color)	4278212831 (0xFF0058DF)
YUV	77.0780, 71.9395, -67.5974
Hunter-Lab	35.0808, 24.0679, -95.8036

Details

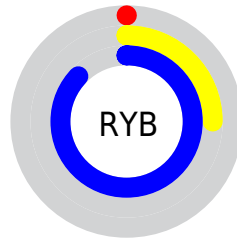
The YIQ color **77.0780, -95.7830, 23.3290** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed blue. A complement of this color would be **145.9220, 95.7830, -23.3290**, and the grayscale version is **76.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **140.8840, -56.9500, 29.9140**, and **44.8660, -65.7070, 28.9250** is the 20% darker color. If you saturate the color by 10%, you get **77.0780, -95.7830, 23.3290**, and if you desaturate by 10%, it is **91.8740, -86.5210, 20.6710**.

Distribution



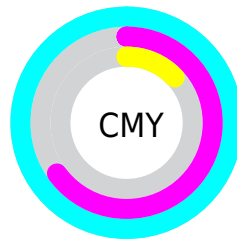
- Red (0%)
- Green (35%)
- Blue (87%)



- Red (0%)
- Yellow (25%)
- Blue (87%)



- Cyan (100%)
- Magenta (60%)
- Yellow (0%)
- Black (13%)



- Cyan (100%)
- Magenta (65%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 77.0780, -95.7830, 23.3290 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 77.0780, -95.7830, 23.3290 by changing the saturation by 10% instead.

■ 77.0780, -95.7830,
23.3290

■ 77.0780, -95.7830,
23.3290

■ 255.0000, -0.0000,
-0.0000

■ 60.2710, -80.1490,
26.3390

■ 140.8840,
-56.9500, 29.9140

■ 44.7520, -65.3860,
28.6140

■ 166.3120,
-43.8360, 23.5240

■ 31.1080, -51.7690,
29.6310

■ 191.4300,
-32.7850, 15.9750

■ 14.0560, -36.8230,
34.0970

■ 217.4340,
-21.4130, 8.1150

■ 16.9620, -31.2270,
20.7810

■ 243.1390,
-10.6370, 0.0430

■ 10.7040, -21.8730,
16.4550

■ 6.3210, -13.6650,

10.8710

■ 2.6390, -6.0530,
5.0750

■ 0.0000, 0.0000,
0.0000

■ 77.0780, -95.7830,
23.3290

■ 91.8740, -86.5210,
20.6710

■ 106.3820,
-76.3880, 18.7480

■ 120.5910,
-66.8510, 16.6130

■ 135.3870,
-57.5890, 13.9550

■ 149.5960,
-48.0520, 11.8200

■ 164.6910,
-38.1940, 9.3740

■ 178.9000,
-28.6570, 7.2390

■ 193.6960,
-19.3950, 4.5810

■ 208.2040, -9.2620,
2.6580

Harmonies

Analogous

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



92.3060, -105.5930, 13.8870



77.0780, -95.7830, 23.3290



92.3130, 26.6260, 68.1460

Triad

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



77.0780, -95.7830, 23.3290



85.8060, 91.5590, 9.1830



81.4350, -59.8260, -39.1380

Complementary

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



77.0780, -95.7830, 23.3290



145.9220, 95.7830, -23.3290

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.



69.8530, -32.7250, -62.2370



77.0780, -95.7830, 23.3290



93.1840, 54.2430, -19.3970

Square

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



77.0780, -95.7830, 23.3290



67.4080, 106.4050, 59.5330



85.5000, 11.4700, -42.6900



90.4750, -82.5250, -18.7250

Rectangle

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



77.0780, -95.7830, 23.3290



73.7380, 71.3260, 84.0460



85.5000, 11.4700, -42.6900



78.1120, -51.8470, -46.0790

Sweetspot

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



77.0780, -95.7830, 23.3290



205.2740, -32.6460, 7.9460



146.1770, -104.3390, -74.9550



97.8100, -19.7160, 4.8920



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.



77.0780, -95.7830, 23.3290



88.3570, -109.6300, 26.4820



32.0000, -58.4710, 74.0170



104.6020, -4.6310, 1.3290



60.5670, -75.4710, 18.6490



16.6250, -20.6330, 4.9910

Inverse Universe

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



76.7090, 104.6600, 74.6440



87.7590, 119.5590, 85.4710



191.0000, 58.4710, -74.0170



104.7450, 5.2720, 3.5760



60.4900, 82.7470, 58.7710



16.5180, 22.5090, 16.0850

Previews

White Background



This preview shows how the YIQ color 77.0780, -95.7830, 23.3290 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 77.0780, -95.7830, 23.3290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

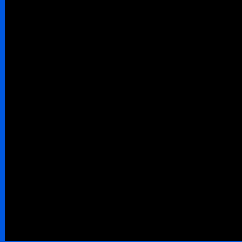
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 77.0780, -95.7830, 23.3290

Background



This preview shows how black text looks on a background with the YIQ color 77.0780, -95.7830, 23.3290.



This preview shows how white text looks on a background with the YIQ color 77.0780, -95.7830,

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

77.0780, -95.7830, 23.3290

Protanopia

77.9780, -90.0500, 13.0380

Deuteranopia

78.7810, -82.6660, 0.3580



Tritanopia

77.0930, -66.8900, -21.2420

Trichromacy



Original Color

77.0780, -95.7830, 23.3290

Protanomaly

77.7160, -92.0680, 16.5720

Deuteranomaly

78.0120, -87.3900, 8.8820

Tritanomaly

76.8430, -77.2090, -4.9290

Monochromacy



Original Color

77.0780, -95.7830, 23.3290

Achromatopsia

77.0000, -0.0000, -0.0000

Achromatomaly

77.0180, -34.8010, 8.4550

CSS Examples

Text

The CSS property to change the color of the text to YIQ 77.0780, -95.7830, 23.3290 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, 88, 223)` looks like.

```
.text, #text, p{  
    color:rgb(0, 88, 223)  
}
```

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, 88, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 88, 223) }
```

Border

The CSS property to change the border of an element to YIQ 77.0780, -95.7830, 23.3290 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, 88, 223) }
```


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

```
.border{ border-color:rgb(0, 88, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 88, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 88, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 88, 223);  
box-shadow:4px 4px 4px 4px rgb(0, 88, 223)  
}
```

Background

The CSS property to change the background color of an element to YIQ 77.0780, -95.7830, 23.3290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 88, 223) }
```

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

```
.background{ background-color: rgb(0, 88,  
223) }
```

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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