

Converting Colors

YIQ(78.7900, -77.7170, 15.2990)

Have a look what the booklet for
YIQ(78.7900, -77.7170, 15.2990)
contains.

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Color

**YIQ(78.7900, -77.7170,
15.2990)**

Conversions

Conversions Part 1

Format	Color
Hex	0E5ABF
RGB	14, 90, 191
RGB Percent	5%, 35%, 75%
CMY	0.9451, 0.6469, 0.2514
CMYK	0.93, 0.53, 0.00, 0.25
HSL	214°, 86%, 40%
HSV	214°, 93%, 75%
XYZ	13.2326, 11.1681, 50.6916
YIQ	78.7900, -77.7170, 15.2990

Conversions

Conversions Part 2

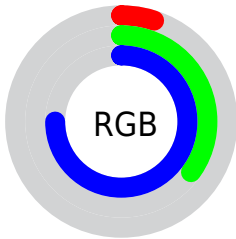
Format	Color
R_{YB}	14, 67, 191
Decimal	940735
CIE _{Lab}	39.86, 18.36, -58.69
CIE _{LCh}	40, 61.498, 287.368
Yxy	11.1681, 0.1762, 0.1487
Android (android.graphics.Color)	4279130815 (0xFF0E5ABF)
YUV	78.7900, 55.3195, -56.8208
Hunter-Lab	33.4188, 12.1968, -66.5415

Details

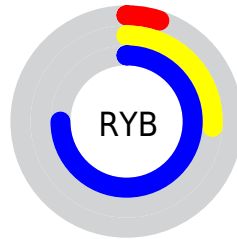
The YIQ color **78.7900, -77.7170, 15.2990** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **126.2100, 77.7170, -15.2990**, and the grayscale version is **78.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **139.1670, -59.4250, 25.2070**, and **42.6200, -56.6270, 18.5490** is the 20% darker color. If you saturate the color by 10%, you get **69.9080, -83.8610, 16.5150**, and if you desaturate by 10%, it is **90.9280, -69.4180, 13.5740**.

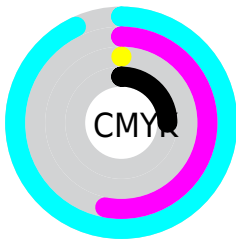
Distribution



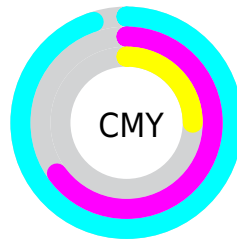
- Red (5%)
- Green (35%)
- Blue (75%)



- Red (5%)
- Yellow (26%)
- Blue (75%)



- Cyan (93%)
- Magenta (53%)
- Yellow (0%)
- Black (25%)



- Cyan (95%)
- Magenta (65%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 78.7900, -77.7170, 15.2990 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 78.7900, -77.7170, 15.2990 by changing the saturation by 10% instead.

■ 78.7900, -77.7170,
15.2990

■ 78.7900, -77.7170,
15.2990

■ 255.0000, -0.0000,
-0.0000

■ 57.9110, -70.7480,
15.6520

■ 139.1670,
-59.4250, 25.2070

■ 42.5060, -56.3060,
18.2380

■ 164.4960,
-50.3460, 20.3580

■ 28.3890, -42.7350,
20.0890

■ 189.6140,
-39.2950, 12.8090

■ 9.6900, -27.2850,
26.4350

■ 215.0200,
-29.1150, 4.5250

■ 10.4760, -21.2310,
15.8330

■ 241.0130,
-19.2100, -4.2820

■ 6.0930, -13.0230,
10.2490

■ 253.8040, -2.3840,

■ 2.2970, -5.0900,

-0.8480

4.1420

■ 0.0000, 0.0000,
0.0000

■ 78.7900, -77.7170,
15.2990

■ 78.7900, -77.7170,
15.2990

■ 69.9080, -83.8610,
16.5150

■ 90.9280, -69.4180,
13.5740

■ 103.0660,
-61.1190, 11.8490

■ 115.2040,
-52.8200, 10.1240

■ 127.3420,
-44.5210, 8.3990

■ 138.8930,
-35.9470, 7.1970

■ 151.3300,
-27.0520, 5.6840

■ 163.4680,
-18.7530, 3.9590

■ 175.6060,
-10.4540, 2.2340

■ 187.7440, -2.1550,
0.5090

Harmonies

Analogous

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



84.2240, -91.1030, 4.5850



78.7900, -77.7170, 15.2990



95.3190, 8.1530, 44.9930

Triad

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



78.7900, -77.7170, 15.2990



86.0200, 76.3370, 9.7210



74.8980, -53.8200, -37.8520

Complementary

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



78.7900, -77.7170, 15.2990



126.2100, 77.7170, -15.2990

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.



67.5470, -31.4430, -52.4270



78.7900, -77.7170, 15.2990



88.7760, 55.5720, -15.9480

Square

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



78.7900, -77.7170, 15.2990



80.2420, 76.9730, 42.2610



84.7130, 24.3520, -33.8560



82.1140, -71.3830, -22.4150

Rectangle

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



78.7900, -77.7170, 15.2990



89.5420, 41.4380, 53.0060



84.7130, 24.3520, -33.8560



72.3730, -48.0880, -42.6160

Sweetspot

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



78.7900, -77.7170, 15.2990



203.4760, -30.3990, 5.7690



129.2990, -80.7750, -61.4710



98.0550, -19.0280, 3.4360



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.



78.7900, -77.7170, 15.2990



90.3800, -108.4370, 21.3790



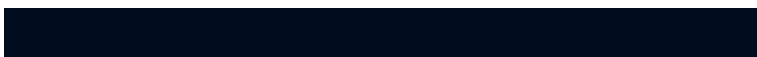
37.7660, -49.6650, 57.5910



88.3740, -3.9890, 0.7070



57.9280, -69.4180, 13.5740



11.1650, -13.5260, 2.8420

Inverse Universe

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



75.5870, 81.0960, 61.1600



85.9370, 113.1860, 85.3300



167.2340, 49.6650, -57.5910



88.1470, 4.0800, 3.1520



54.9940, 72.3400, 54.6440



10.7510, 14.3030, 10.6150

Previews

White Background



This preview shows how the YIQ color 78.7900, -77.7170, 15.2990 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 78.7900, -77.7170, 15.2990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

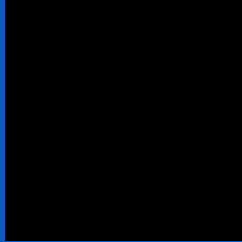
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 78.7900, -77.7170, 15.2990

Background



This preview shows how black text looks on a background with the YIQ color 78.7900, -77.7170, 15.2990.



This preview shows how white text looks on a background with the YIQ color 78.7900, -77.7170,

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

78.7900, -77.7170, 15.2990

Protanopia

78.4910, -78.3130, 15.0870

Deuteranopia

75.2760, -79.6860, 1.4180



Tritanopia

73.7020, -64.2310, -19.8710

Trichromacy



Original Color

78.7900, -77.7170, 15.2990

Protanomaly

78.4910, -78.3130, 15.0870

Deuteranomaly

76.6230, -79.0450, 6.3230

Tritanomaly

75.5680, -69.1850, -7.1770

Monochromacy



Original Color

78.7900, -77.7170, 15.2990

Achromatopsia

79.0000, -0.0000, 0.0000

Achromatomaly

78.8460, -28.5650, 5.5710

CSS Examples

Text

The CSS property to change the color of the text to YIQ 78.7900, -77.7170, 15.2990 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(14, 90, 191)` looks like.

```
.text, #text, p{  
    color:rgb(14, 90, 191)  
}
```

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(14, 90, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 90, 191) }
```

Border

The CSS property to change the border of an element to YIQ 78.7900, -77.7170, 15.2990 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(14, 90, 191) }
```


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

```
.border{ border-color:rgb(14, 90, 191) }
```

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

Here you see how a box with a 4 pixel rgb(14, 90, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 90, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 90, 191);  
box-shadow:4px 4px 4px 4px rgb(14, 90,  
191) }
```

Background

The CSS property to change the background color of an element to YIQ 78.7900, -77.7170, 15.2990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 90, 191) }
```

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

```
.background{ background-color: rgb(14, 90,  
191) }
```

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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