

Converting Colors

YIQ(79.2710, -72.1220, 7.5100)

Have a look what the booklet for
YIQ(79.2710, -72.1220, 7.5100)
contains.

YIQ(79.2710, -72.1220, 7.5100)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	30

Color

**YIQ(79.2710, -72.1220,
7.5100)**

Conversions

Conversions Part 1

Format	Color
Hex	0F5EAC
RGB	15, 94, 172
RGB Percent	6%, 37%, 67%
CMY	0.9412, 0.6312, 0.3258
CMYK	0.91, 0.45, 0.00, 0.33
HSL	210°, 84%, 37%
HSV	210°, 91%, 67%
XYZ	11.6400, 11.0878, 40.5119
YIQ	79.2710, -72.1220, 7.5100

Conversions

Conversions Part 2

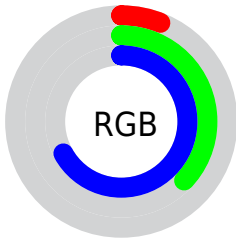
Format	Color
R _Y B	15, 68, 172
Decimal	1007276
CIE Lab	39.73, 8.09, -47.77
CIE LCh	40, 48.446, 279.616
Yxy	11.0878, 0.1841, 0.1753
Android (android.graphics.Color)	4279197356 (0xFF0F5EAC)
YUV	79.2710, 45.7154, -56.3657
Hunter-Lab	33.2983, 4.1257, -48.8255

Details

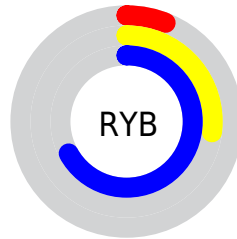
The YIQ color **79.2710, -72.1220, 7.5100** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **107.7290, 72.1220, -7.5100**, and the grayscale version is **79.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **138.3270, -57.3600, 15.3120**, and **42.3290, -51.6740, 11.3820** is the 20% darker color. If you saturate the color by 10%, you get **70.6770, -79.1370, 7.9910**, and if you desaturate by 10%, it is **89.6370, -64.4650, 6.4070**.

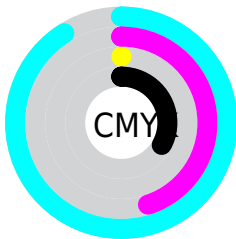
Distribution



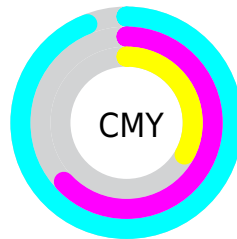
- Red (6%)
- Green (37%)
- Blue (67%)



- Red (6%)
- Yellow (27%)
- Blue (67%)



- Cyan (91%)
- Magenta (45%)
- Yellow (0%)
- Black (33%)



- Cyan (94%)
- Magenta (63%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 79.2710, -72.1220, 7.5100 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 79.2710, -72.1220, 7.5100 by changing the saturation by 10% instead.

■ 79.2710, -72.1220,
7.5100

■ 79.2710, -72.1220,
7.5100

■ 255.0000, -0.0000,
-0.0000

■ 58.2070, -66.0700,
7.9620

■ 138.3270,
-57.3600, 15.3120

■ 42.3290, -51.6740,
11.3820

■ 165.6370,
-55.2970, 16.4710

■ 27.7390, -38.1490,
14.0670

■ 190.4560,
-44.8420, 8.7100

■ 9.1540, -23.0200,
20.7240

■ 215.5630,
-35.2580, 0.2140

■ 7.5920, -15.8660,
12.2140

■ 241.5560,
-25.3530, -8.5930

■ 3.4370, -8.3000,
7.2520

■ 251.1130, -7.7480,

■ 0.0000, 0.0000,

-2.7560

0.0000

■ 79.2710, -72.1220,
7.5100

■ 79.2710, -72.1220,
7.5100

■ 70.6770, -79.1370,
7.9910

■ 89.6370, -64.4650,
6.4070

■ 99.4160, -56.5330,
5.8270

■ 110.0810,
-48.2800, 4.9360

■ 119.8600,
-40.3480, 4.3560

■ 130.2260,
-32.6910, 3.2530

■ 140.0050,
-24.7590, 2.6730

■ 150.3710,
-17.1020, 1.5700

■ 160.4490, -8.5740,
1.2020

■ 170.8150, -0.9170,
0.0990

Harmonies

Analogous

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



80.7870, -82.8030, -2.6670



79.2710, -72.1220, 7.5100



96.0580, -4.7740, 31.4660

Triad

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



79.2710, -72.1220, 7.5100



90.2280, 61.2520, 13.2840



71.8660, -50.7940, -37.6260

Complementary

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



79.2710, -72.1220, 7.5100



107.7290, 72.1220, -7.5100

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.



81.9410, -2.6530, -34.5330



79.2710, -72.1220, 7.5100



89.4540, 53.7830, -11.0570

Square

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



79.2710, -72.1220, 7.5100



89.6090, 56.5260, 32.8620



86.5510, 33.7960, -28.7960



77.8280, -64.8260, -25.6100

Rectangle

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



79.2710, -72.1220, 7.5100



95.2910, 22.5510, 37.3590



86.5510, 33.7960, -28.7960



69.7970, -46.3460, -41.1460

Sweetspot

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



79.2710, -72.1220, 7.5100



188.4500, -27.5100, 2.9700



115.8230, -67.5710, -58.4750



90.6700, -16.5060, 1.7820



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



79.2710, -72.1220, 7.5100



91.8670, -102.9790, 10.5650



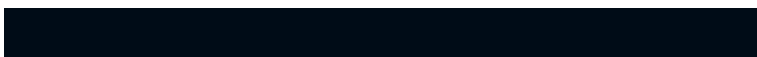
34.6590, -51.2220, 47.2580



81.3740, -3.9890, 0.7070



61.7120, -69.0500, 6.9020



9.6660, -10.6830, 0.8770

Inverse Universe

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



70.9490, 68.2130, 57.8530



79.8580, 97.2310, 82.6310



152.3410, 51.2220, -47.2580



81.1470, 4.0800, 3.1520



53.5140, 65.0040, 55.4360



8.2450, 9.8560, 8.6080

Previews

White Background



This preview shows how the YIQ color 79.2710, -72.1220, 7.5100 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 79.2710, -72.1220, 7.5100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

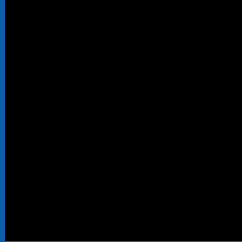
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 79.2710, -72.1220, 7.5100

Background



This preview shows how black text looks on a background with the YIQ color 79.2710, -72.1220, 7.5100.



This preview shows how white text looks on a background with the YIQ color 79.2710, -72.1220,

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

79.2710, -72.1220, 7.5100

Protanopia

89.1280, -46.4940, 16.6260

Tritanopia

73.7020, -64.2310, -19.8710

Trichromacy



Original Color

79.2710, -72.1220, 7.5100

Protanomaly

85.3440, -56.0300, 13.2340

Tritanomaly

75.3570, -67.2130, -9.8770

Monochromacy



Original Color

79.2710, -72.1220, 7.5100

Achromatopsia

79.0000, -0.0000, 0.0000

Achromatomaly

78.9340, -25.9970, 3.0830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 79.2710, -72.1220, 7.5100 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(15, 94, 172)` looks like.

```
.text, #text, p{  
    color:rgb(15, 94, 172)  
}
```

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(15, 94, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 94, 172) }
```

Border

The CSS property to change the border of an element to YIQ 79.2710, -72.1220, 7.5100 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(15, 94, 172) }
```

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

```
.border{ border-color:rgb(15, 94, 172) }
```

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

Here you see how a box with a 4 pixel rgb(15, 94, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 94, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 94, 172);  
box-shadow:4px 4px 4px 4px rgb(15, 94,  
172) }
```


Background

The CSS property to change the background color of an element to YIQ 79.2710, -72.1220, 7.5100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 94, 172) }
```

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

```
.background{ background-color: rgb(15, 94,  
172) }
```

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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