

Converting Colors

YIQ(84.4270, -72.2610, 15.5390)

Have a look what the booklet for
YIQ(84.4270, -72.2610, 15.5390)
contains.

YIQ(84.4270, -72.2610, 15.5390)	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>	31

Color

**YIQ(84.4270, -72.2610,
15.5390)**

Conversions

Conversions Part 1

Format	Color
Hex	195EBF
RGB	25, 94, 191
RGB Percent	10%, 37%, 75%
CMY	0.9020, 0.6313, 0.2513
CMYK	0.87, 0.51, 0.00, 0.25
HSL	215°, 77%, 42%
HSV	215°, 87%, 75%
XYZ	13.7994, 11.9745, 50.8210
YIQ	84.4270, -72.2610, 15.5390

Conversions

Conversions Part 2

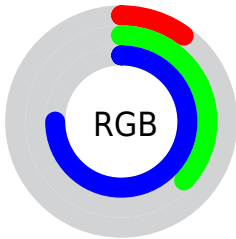
Format	Color
R_{YB}	25, 74, 191
Decimal	1662655
CIE _{Lab}	41.18, 16.34, -56.56
CIE _{LCh}	41, 58.876, 286.118
Yxy	11.9745, 0.1802, 0.1563
Android (android.graphics.Color)	4279852735 (0xFF195EBF)
YUV	84.4270, 52.5405, -52.1175
Hunter-Lab	34.6042, 10.6246, -62.8526

Details

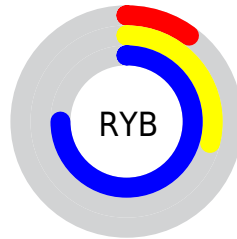
The YIQ color **84.4270, -72.2610, 15.5390** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **131.5730, 72.2610, -15.5390**, and the grayscale version is **84.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **143.2980, -58.4160, 23.4400**, and **44.3810, -57.4520, 16.9800** is the 20% darker color. If you saturate the color by 10%, you get **72.2890, -80.5600, 17.2640**, and if you desaturate by 10%, it is **96.5650, -63.9620, 13.8140**.

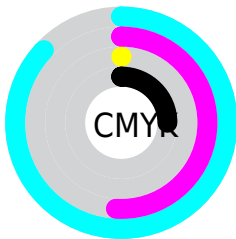
Distribution



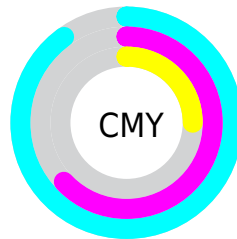
- Red (10%)
- Green (37%)
- Blue (75%)



- Red (10%)
- Yellow (29%)
- Blue (75%)



- Cyan (87%)
- Magenta (51%)
- Yellow (0%)
- Black (25%)



- Cyan (90%)
- Magenta (63%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 84.4270, -72.2610, 15.5390 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 84.4270, -72.2610, 15.5390 by changing the saturation by 10% instead.

■ 84.4270, -72.2610,
15.5390

■ 84.4270, -72.2610,
15.5390

■ 255.0000, -0.0000,
-0.0000

■ 60.2590, -71.8480,
13.5600

■ 143.2980,
-58.4160, 23.4400

■ 44.3810, -57.4520,
16.9800

■ 168.3280,
-49.9330, 18.3790

■ 30.2640, -43.8810,
18.8310

■ 193.1470,
-39.4780, 10.6180

■ 11.5650, -28.4310,
25.1770

■ 218.5530,
-29.2980, 2.3340

■ 10.4760, -21.2310,
15.8330

■ 244.8450,
-18.7970, -6.2610

■ 6.2070, -13.3440,
10.5600

■ 254.4020, -1.1920,

■ 2.4110, -5.4110,

-0.4240

4.4530

■ 0.0000, 0.0000,
0.0000

■ 84.4270, -72.2610,
15.5390

■ 84.4270, -72.2610,
15.5390

■ 72.2890, -80.5600,
17.2640

■ 96.5650, -63.9620,
13.8140

■ 68.1470, -83.0360,
18.0840

■ 108.7030,
-55.6630, 12.0890

■ 120.8410,
-47.3640, 10.3640

■ 133.5660,
-39.3400, 8.1160

■ 145.7040,
-31.0410, 6.3910

■ 158.1410,
-22.1460, 4.8780

■ 170.2790,
-13.8470, 3.1530

■ 182.4170, -5.5480,
1.4280

■ 194.5550, 2.7510,
-0.2970

Harmonies

Analogous

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



85.8710, -91.6070, 2.7050



84.4270, -72.2610, 15.5390



99.6560, 5.5860, 41.9540

Triad

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



84.4270, -72.2610, 15.5390



90.5790, 73.2650, 10.3290



76.8870, -55.2870, -38.7990

Complementary

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



84.4270, -72.2610, 15.5390



131.5730, 72.2610, -15.5390

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.



76.6950, -19.9360, -46.2080



84.4270, -72.2610, 15.5390



91.7330, 57.1310, -16.6690

Square

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



84.4270, -72.2610, 15.5390



87.0950, 72.8930, 39.1090



88.5670, 27.6990, -33.9410



83.2880, -71.9330, -23.4610

Rectangle

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



84.4270, -72.2610, 15.5390



94.8680, 37.4040, 49.0200



88.5670, 27.6990, -33.9410



74.3620, -49.5550, -43.5630

Sweetspot

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



84.4270, -72.2610, 15.5390



206.1450, -27.9690, 5.7830



133.5000, -76.7870, -56.6510



99.8380, -16.9190, 3.7610



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.



84.4270, -72.2610, 15.5390



88.6190, -107.6120, 22.9480



48.1100, -44.9420, 54.5940



88.3740, -3.9890, 0.7070



56.7540, -68.8680, 14.6200



11.1650, -13.5260, 2.8420

Inverse Universe

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



82.5000, 76.7870, 56.6510



85.5950, 114.1490, 84.3970



167.8900, 44.9420, -54.5940



88.1470, 4.0800, 3.1520



54.7660, 72.9820, 54.0220



10.7510, 14.3030, 10.6150

Previews

White Background



This preview shows how the YIQ color 84.4270, -72.2610, 15.5390 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 84.4270, -72.2610, 15.5390 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 84.4270, -72.2610, 15.5390

Background



This preview shows how black text looks on a background with the YIQ color 84.4270, -72.2610, 15.5390.



This preview shows how white text looks on a background with the YIQ color 84.4270, -72.2610,

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

84.4270, -72.2610, 15.5390

Protanopia

87.0150, -65.1090, 18.0830

Deuteranopia

77.7210, -82.4370, 1.7150



Tritanopia

75.8050, -66.0190, -20.5070

Trichromacy



Original Color

84.4270, -72.2610, 15.5390

Protanomaly

85.8190, -67.4930, 17.2350

Deuteranomaly

80.0360, -78.7700, 6.8460

Tritanomaly

78.7530, -68.2680, -7.2760

Monochromacy



Original Color

84.4270, -72.2610, 15.5390

Achromatopsia

84.0000, -0.0000, -0.0000

Achromatomaly

84.5150, -26.1350, 5.5850

CSS Examples

Text

The CSS property to change the color of the text to YIQ 84.4270, -72.2610, 15.5390 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(25, 94, 191)` looks like.

```
.text, #text, p{  
    color:rgb(25, 94, 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(25, 94, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 94, 191) }
```

Border

The CSS property to change the border of an element to YIQ 84.4270, -72.2610, 15.5390 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(25, 94, 191) }
```


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

```
.border{ border-color:rgb(25, 94, 191) }
```

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

Here you see how a box with a 4 pixel rgb(25, 94, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 94, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 94, 191);  
box-shadow:4px 4px 4px 4px rgb(25, 94,  
191) }
```

Background

The CSS property to change the background color of an element to YIQ 84.4270, -72.2610, 15.5390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 94, 191) }
```

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

```
.background{ background-color: rgb(25, 94,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor