

Converting Colors

YIQ(86.4090, -71.8500, 24.6140)

Have a look what the booklet for
YIQ(86.4090, -71.8500, 24.6140)
contains.

YIQ(86.4090, -71.8500, 24.6140)	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(86.4090, -71.8500,
24.6140)**

Conversions

Conversions Part 1

Format	Color
Hex	215AD0
RGB	33, 90, 208
RGB Percent	13%, 35%, 82%
CMY	0.8706, 0.6470, 0.1847
CMYK	0.84, 0.57, 0.00, 0.18
HSL	220°, 73%, 47%
HSV	220°, 84%, 82%
XYZ	15.6583, 12.1888, 61.1400
YIQ	86.4090, -71.8500, 24.6140

Conversions

Conversions Part 2

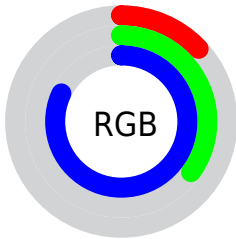
Format	Color
R_{YB}	33, 76, 208
Decimal	2185936
CIE _{Lab}	41.51, 26.19, -65.84
CIE _{LCh}	42, 70.855, 291.692
Yxy	12.1888, 0.1760, 0.1370
Android (android.graphics.Color)	4280376016 (0xFF215AD0)
YUV	86.4090, 59.9444, -46.8397
Hunter-Lab	34.9125, 18.9603, -79.3919




Details

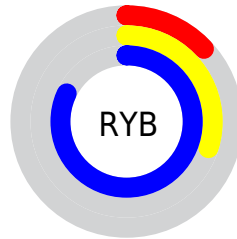
The YIQ color **86.4090, -71.8500, 24.6140** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed blue. A complement of this color would be **154.5910, 71.8500, -24.6140**, and the grayscale version is **86.0000, -0.0000, -0.0000**.




A 20% lighter version of the original color is **143.5530, -54.5200, 29.9280**, and **44.3300, -61.4420, 23.2140** is the 20% darker color. If you saturate the color by 10%, you get **71.9120, -80.5160, 27.4840**, and if you desaturate by 10%, it is **100.9060, -63.1840, 21.7440**.

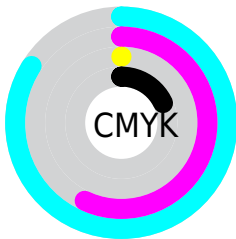
Distribution







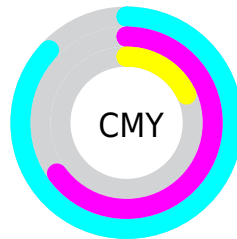
-  Red (13%)
-  Green (35%)
-  Blue (82%)






-  Red (13%)
-  Yellow (30%)
-  Blue (82%)



-  Cyan (84%)
-  Magenta (57%)
-  Yellow (0%)
-  Black (18%)



-  Cyan (87%)
-  Magenta (65%)
-  Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 86.4090, -71.8500, 24.6140 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 86.4090, -71.8500, 24.6140 by changing the saturation by 10% instead.

■ 86.4090, -71.8500,
24.6140

■ 86.4090, -71.8500,
24.6140

■ 255.0000, -0.0000,
-0.0000

■ 59.8490, -76.2050,
20.9390

■ 143.5530,
-54.5200, 29.9280

■ 44.3300, -61.4420,
23.2140

■ 168.6710,
-43.4690, 22.3790

■ 30.2130, -47.8710,
25.0650

■ 193.7890,
-32.4180, 14.8300

■ 11.9870, -32.3750,
30.5770

■ 218.6080,
-21.9630, 7.0690

■ 13.8330, -26.5500,
18.6180

■ 244.9000,
-11.4620, -1.5260

■ 8.1620, -17.4710,
13.7690

■ 4.4800, -9.8590,

7.9730

■ 0.0000, 0.0000,
0.0000

■ 86.4090, -71.8500,
24.6140

■ 86.4090, -71.8500,
24.6140

■ 71.9120, -80.5160,
27.4840

■ 100.9060,
-63.1840, 21.7440

■ 63.6280, -85.4680,
29.1240

■ 115.4030,
-54.5180, 18.8740

■ 129.6010,
-46.4480, 15.7920

■ 144.0980,
-37.7820, 12.9220

■ 158.5950,
-29.1160, 10.0520

■ 173.0920,
-20.4500, 7.1820

■ 187.5890,
-11.7840, 4.3120

■ 201.7870, -3.7140,
1.2300

■ 216.2840, 4.9520,
-1.6400

Harmonies

Analogous

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



89.0800, -99.2650, 9.3350



86.4090, -71.8500, 24.6140



96.9170, 18.5130, 55.4810

Triad

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



86.4090, -71.8500, 24.6140



87.5340, 86.3330, 4.7730



80.0330, -58.6340, -38.7140

Complementary

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



86.4090, -71.8500, 24.6140



154.5910, 71.8500, -24.6140

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.



69.5910, -34.7430, -58.7030



86.4090, -71.8500, 24.6140



92.5970, 54.5180, -18.8740

Square

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



86.4090, -71.8500, 24.6140



71.4880, 94.2560, 53.9360



87.3160, 17.9800, -39.5240



87.5740, -78.4900, -20.2660

Rectangle

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



86.4090, -71.8500, 24.6140



82.5370, 58.1700, 69.1620



87.3160, 17.9800, -39.5240



77.1660, -51.9390, -44.4110

Sweetspot

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



86.4090, -71.8500, 24.6140



210.6230, -26.3190, 8.9210



149.0630, -85.6820, -55.1380



101.0770, -16.0940, 5.3300



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.



86.4090, -71.8500, 24.6140



77.7910, -104.6800, 35.8960



61.6210, -38.8910, 60.5730



97.6020, -4.6310, 1.3290



51.4370, -69.0530, 23.4830



12.3050, -16.7360, 5.9520

Inverse Universe

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



91.8230, 86.0030, 54.8270



85.7070, 125.3370, 79.8730



179.3790, 38.8910, -60.5730



97.7450, 5.2720, 3.5760



56.5020, 82.4730, 52.7210



13.7410, 20.2630, 12.7350

Previews

White Background



This preview shows how the YIQ color 86.4090, -71.8500, 24.6140 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 86.4090, -71.8500, 24.6140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

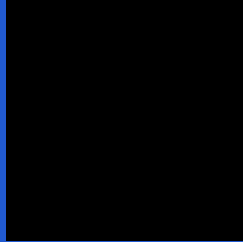
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 86.4090, -71.8500, 24.6140

Background



This preview shows how black text looks on a background with the YIQ color 86.4090, -71.8500, 24.6140.



This preview shows how white text looks on a background with the YIQ color 86.4090, -71.8500,

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

86.4090, -71.8500, 24.6140

Protanopia

77.8640, -89.7290, 12.7270

Deuteranopia

78.1940, -82.3910, 0.8810



Tritanopia

76.5060, -66.6150, -20.7190

Trichromacy



Original Color

86.4090, -71.8500, 24.6140

Protanomaly

81.2070, -83.2650, 16.7270

Deuteranomaly

80.9160, -78.3120, 9.5600

Tritanomaly

79.8610, -68.4520, -3.9400

Monochromacy



Original Color

86.4090, -71.8500, 24.6140

Achromatopsia

86.0000, -0.0000, -0.0000

Achromatomaly

85.9220, -25.7230, 9.1330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 86.4090, -71.8500, 24.6140 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(33, 90, 208)` looks like.

```
.text, #text, p{  
    color:rgb(33, 90, 208)  
}
```

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(33, 90, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 90, 208) }
```

Border

The CSS property to change the border of an element to YIQ 86.4090, -71.8500, 24.6140 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(33, 90, 208) }
```


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

```
.border{ border-color:rgb(33, 90, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 90, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(33, 90, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(33, 90, 208); box-shadow:4px 4px 4px 4px rgb(33, 90, 208) }
```

Background

The CSS property to change the background color of an element to YIQ 86.4090, -71.8500, 24.6140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 90, 208) }
```

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

```
.background{ background-color: rgb(33, 90,  
208) }
```

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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