

Converting Colors

YIQ(86.8620, -69.0520, 17.9560)

Have a look what the booklet for
YIQ(86.8620, -69.0520, 17.9560)
contains.

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Color

**YIQ(86.8620, -69.0520,
17.9560)**

Conversions

Conversions Part 1

Format	Color
Hex	205EC2
RGB	32, 94, 194
RGB Percent	13%, 37%, 76%
CMY	0.8745, 0.6313, 0.2396
CMYK	0.84, 0.52, 0.00, 0.24
HSL	217°, 72%, 44%
HSV	217°, 84%, 76%
XYZ	14.3276, 12.2078, 52.5874
YIQ	86.8620, -69.0520, 17.9560

Conversions

Conversions Part 2

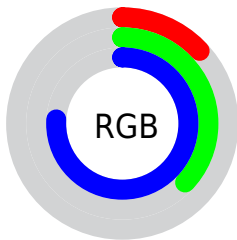
Format	Color
R_{YB}	32, 77, 194
Decimal	2121410
CIE _{Lab}	41.54, 18.07, -57.70
CIE _{LCh}	42, 60.464, 287.384
Yxy	12.2078, 0.1811, 0.1543
Android (android.graphics.Color)	4280311490 (0xFF205EC2)
YUV	86.8620, 52.8190, -48.1140
Hunter-Lab	34.9397, 12.0522, -64.7789

Details

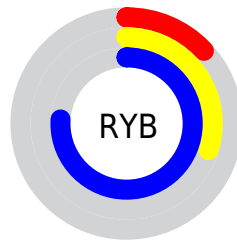
The YIQ color **86.8620, -69.0520, 17.9560** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted blue. A complement of this color would be **139.1380, 69.0520, -17.9560**, and the grayscale version is **86.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **144.5370, -57.5910, 25.0090**, and **44.6090, -58.0940, 17.6020** is the 20% darker color. If you saturate the color by 10%, you get **74.1370, -77.0760, 20.2040**, and if you desaturate by 10%, it is **99.5870, -61.0280, 15.7080**.

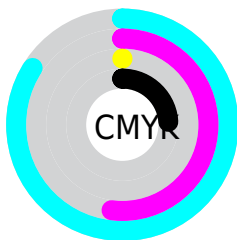
Distribution



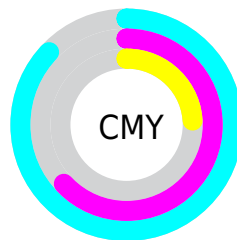
- Red (13%)
- Green (37%)
- Blue (76%)



- Red (13%)
- Yellow (30%)
- Blue (76%)



- Cyan (84%)
- Magenta (52%)
- Yellow (0%)
- Black (24%)



- Cyan (87%)
- Magenta (63%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 86.8620, -69.0520, 17.9560 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 86.8620, -69.0520, 17.9560 by changing the saturation by 10% instead.

■ 86.8620, -69.0520,
17.9560

■ 86.8620, -69.0520,
17.9560

■ 255.0000, -0.0000,
-0.0000

■ 60.6010, -72.8110,
14.4930

■ 144.5370,
-57.5910, 25.0090

■ 44.6090, -58.0940,
17.6020

■ 169.5240,
-47.5490, 19.2270

■ 30.4920, -44.5230,
19.4530

■ 194.3430,
-37.0940, 11.4660

■ 12.3800, -29.3480,
25.2760

■ 219.7490,
-26.9140, 3.1820

■ 11.4050, -22.4690,
16.2430

■ 245.7420,
-17.0090, -5.6250

■ 6.4350, -13.9860,
11.1820

■ 2.7530, -6.3740,

5.3860

■ 0.0000, 0.0000,
0.0000

■ 86.8620, -69.0520,
17.9560

■ 86.8620, -69.0520,
17.9560

■ 74.1370, -77.0760,
20.2040

■ 99.5870, -61.0280,
15.7080

■ 65.5540, -82.6240,
21.6320

■ 112.6110,
-52.4080, 13.6720

■ 125.3360,
-44.3840, 11.4240

■ 138.3600,
-35.7640, 9.3880

■ 151.0850,
-27.7400, 7.1400

■ 163.8100,
-19.7160, 4.8920

■ 176.8340,
-11.0960, 2.8560

■ 189.5590, -3.0720,
0.6080

■ 202.5830, 5.5480,
-1.4280

Harmonies

Analogous

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



86.9140, -93.1660, 3.4260



86.8620, -69.0520, 17.9560



99.7920, 8.1990, 44.1590

Triad

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



86.8620, -69.0520, 17.9560



91.4220, 75.1450, 9.2970



78.4030, -56.8000, -38.9120

Complementary

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



86.8620, -69.0520, 17.9560



139.1380, 69.0520, -17.9560

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.



74.8790, -26.4460, -49.3740



86.8620, -69.0520, 17.9560



92.3200, 56.8560, -17.1920

Square

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



86.8620, -69.0520, 17.9560



86.7040, 75.5520, 40.4800



88.5560, 26.2320, -34.8880



84.8040, -73.4460, -23.5740

Rectangle

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



86.8620, -69.0520, 17.9560



95.1890, 40.9340, 51.1260



88.5560, 26.2320, -34.8880



75.1770, -50.4720, -43.4640

Sweetspot

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



86.8620, -69.0520, 17.9560



210.8570, -27.0980, 6.5180



138.4940, -76.6500, -53.6260



102.2510, -16.6440, 4.2840



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.



86.8620, -69.0520, 17.9560



85.6670, -107.5670, 27.6410



56.1490, -40.6780, 54.4100



90.4880, -4.3100, 1.0180



54.7480, -68.7310, 17.6450



11.3930, -14.1680, 3.4640

Inverse Universe

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



87.5060, 76.6500, 53.6260



86.4060, 119.0550, 83.5910



169.8510, 40.6780, -54.4100



90.4460, 4.6760, 3.3640



55.2070, 76.0540, 53.4140



11.3490, 15.4950, 11.0390

Previews

White Background



This preview shows how the YIQ color 86.8620, -69.0520, 17.9560 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 86.8620, -69.0520, 17.9560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

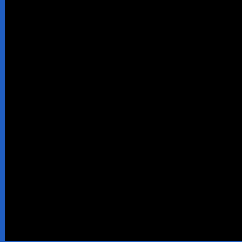
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 86.8620, -69.0520, 17.9560

Background



This preview shows how black text looks on a background with the YIQ color 86.8620, -69.0520, 17.9560.



This preview shows how white text looks on a background with the YIQ color 86.8620, -69.0520,

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

86.8620, -69.0520, 17.9560

Protanopia

86.8620, -69.0520, 17.9560

Deuteranopia

78.4220, -83.0330, 1.5030



Tritanopia

76.6200, -66.9360, -20.4080

Trichromacy



Original Color

86.8620, -69.0520, 17.9560

Protanomaly

86.8620, -69.0520, 17.9560

Deuteranomaly

81.7480, -77.8990, 7.5810

Tritanomaly

80.4650, -67.3970, -6.5410

Monochromacy



Original Color

86.8620, -69.0520, 17.9560

Achromatopsia

87.0000, -0.0000, -0.0000

Achromatomaly

87.2270, -25.2640, 6.3200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 86.8620, -69.0520, 17.9560 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(32, 94, 194)` looks like.

```
.text, #text, p{  
    color:rgb(32, 94, 194)  
}
```

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(32, 94, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 94, 194) }
```

Border

The CSS property to change the border of an element to YIQ 86.8620, -69.0520, 17.9560 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(32, 94, 194) }
```


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

```
.border{ border-color:rgb(32, 94, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 94, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 94, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 94, 194);  
box-shadow:4px 4px 4px 4px rgb(32, 94,  
194) }
```

Background

The CSS property to change the background color of an element to YIQ 86.8620, -69.0520, 17.9560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 94, 194) }
```

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

```
.background{ background-color: rgb(32, 94,  
194) }
```

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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