

Converting Colors

YIQ(35.9210, -17.0960,
-31.5920)

Have a look what the booklet for
YIQ(35.9210, -17.0960, -31.5920)
contains.

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Color

**YIQ(35.9210, -17.0960,
-31.5920)**

Conversions

Conversions Part 1

Format	Color
Hex	003D01
RGB	0, 61, 1
RGB Percent	0%, 24%, 0%
CMY	1.0000, 0.7607, 0.9961
CMYK	1.00, 0.00, 0.98, 0.76
HSL	121°, 100%, 12%
HSV	121°, 100%, 24%
XYZ	1.6756, 3.3424, 0.5854
YIQ	35.9210, -17.0960, -31.5920

Conversions

Conversions Part 2

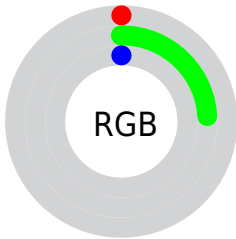
Format	Color
RYB	0, 60, 61
Decimal	15617
CIELab	21.37, -30.93, 28.46
CIELCh	21, 42.035, 137.377
Yxy	3.3424, 0.2990, 0.5965
Android (android.graphics.Color)	4278205697 (0xFF003D01)
YUV	35.9210, -17.2161, -31.5027
Hunter-Lab	18.2822, -15.6344, 10.8991

Details

The YIQ color **35.9210, -17.0960, -31.5920** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **25.0790, 17.0960, 31.5920**, and the grayscale version is **36.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **86.1990, -12.0070, -30.2070**, and **5.2830, -2.4750, -4.7070** is the 20% darker color. If you saturate the color by 10%, you get **35.9210, -17.0960, -31.5920**, and if you desaturate by 10%, it is **38.3990, -15.4460, -28.4540**.

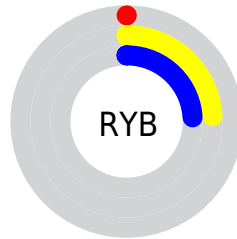
Distribution



Red (0%)

Green (24%)

Blue (0%)



Red (0%)

Yellow (24%)

Blue (24%)

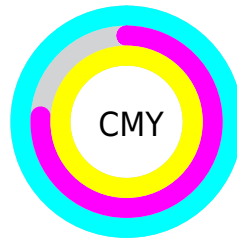


Cyan (100%)

Magenta (0%)

Yellow (98%)

Black (76%)



Cyan (100%)


Magenta (76%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 35.9210, -17.0960, -31.5920 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 35.9210, -17.0960, -31.5920 by changing the saturation by 10% instead.


 35.9210, -17.0960,
-31.5920


 35.9210, -17.0960,
-31.5920

 249.4590, 2.6610,
-9.6830


 22.8930, -10.7250,
-20.3970


 86.1990, -12.0070,
-30.2070


 5.2830, -2.4750,
-4.7070

 111.9710,
-11.3650, -30.8290

 0.0000, 0.0000,
0.0000

 138.0310,
-11.5940, -32.1860


 164.8030,
-10.9520, -32.8080


 192.3900,
-11.2270, -33.3310


 219.8630,


-11.1810, -34.1650


 237.5960, -5.6350,
-24.5390


 35.9210, -17.0960,
-31.5920

 38.3990, -15.4460,
-28.4540

 40.8770, -13.7960,
-25.3160

 43.3550, -12.1460,
-22.1780

 45.8330, -10.4960,
-19.0400

 48.6100, -8.2500,
-15.6900

■ 51.0880, -6.6000,
-12.5520

■ 53.5660, -4.9500,
-9.4140

■ 56.0440, -3.3000,
-6.2760

■ 58.5220, -1.6500,
-3.1380

Harmonies

Analogous

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



46.6370, 13.4830, -18.5890



35.9210, -17.0960, -31.5920



41.7860, -29.4770, -21.9650

Triad

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



35.9210, -17.0960, -31.5920



47.4010, -52.1770, 3.9750



41.5430, 47.7240, 27.1800

Complementary

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



35.9210, -17.0960, -31.5920



25.0790, 17.0960, 31.5920

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.



44.7560, 34.2430, 34.7150



35.9210, -17.0960, -31.5920



41.4170, -49.1060, 8.8940

Square

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



35.9210, -17.0960, -31.5920



48.0390, -48.4620, -2.7820



52.2130, 4.8550, 27.6630



46.1290, 48.0490, 4.7610

Rectangle

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



35.9210, -17.0960, -31.5920



44.7670, -36.4930, -15.9570



52.2130, 4.8550, 27.6630



41.2210, 45.9350, 32.0710

Sweetspot

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



35.9210, -17.0960, -31.5920



69.2020, -6.9210, -12.2410



54.0460, 19.5810, -18.9710



34.8050, -4.1250, -7.8450



168.0000, -0.0000, -0.0000



41.0000, 0.0000, -0.0000

Same Dimension

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



35.9210, -17.0960, -31.5920



46.4870, -22.0460, -41.0060



39.3410, -26.7260, -22.2620



29.7610, -0.8250, -1.5690



55.4060, -26.4920, -48.5400



130.7700, -62.3340, -114.8620

Inverse Universe

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



25.0790, 17.0960, 31.5920



32.5130, 22.0460, 41.0060



21.7730, 26.4050, 22.5730



29.2390, 0.8250, 1.5690



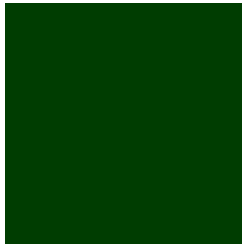
38.7080, 26.1710, 48.8510



91.2300, 62.3340, 114.8620

Previews

White Background



This preview shows how the YIQ color 35.9210, -17.0960, -31.5920 looks on a white background.

Color Contrast Check

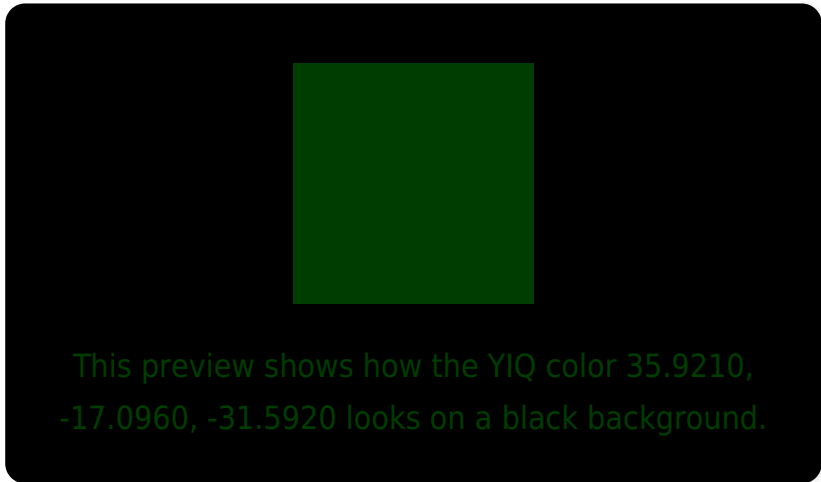
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

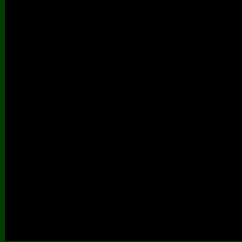
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 35.9210, -17.0960, -31.5920

Background



This preview shows how black text looks on a background with the YIQ color 35.9210, -17.0960, -31.5920.



This preview shows how white text looks on a background with the YIQ color 35.9210, -17.0960,

-31.5920.

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

35.9210, -17.0960, -31.5920

Protanopia

48.1650, 20.8640, -14.6880

Deuteranopia

49.9790, 21.6880, -7.5920



Tritanopia

48.1870, -19.7600, -5.3280

Trichromacy



Original Color

35.9210, -17.0960, -31.5920

Protanomaly

43.6470, 7.5230, -20.7090

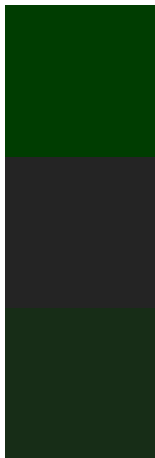
Deuteranomaly

44.6950, 7.5680, -16.0160

Tritanomaly

43.5750, -18.3370, -14.6010

Monochromacy



Original Color

35.9210, -17.0960, -31.5920

Achromatopsia

36.0000, -0.0000, 0.0000

Achromatomaly

35.9140, -6.0500, -11.5060

CSS Examples

Text

The CSS property to change the color of the text to YIQ 35.9210, -17.0960, -31.5920 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(0, 61, 1)` looks like.

```
.text, #text, p{  
    color:rgb(0, 61, 1)  
}
```

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(0, 61, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 61, 1) }
```

Border

The CSS property to change the border of an element to YIQ 35.9210, -17.0960, -31.5920 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(0, 61, 1) }
```


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

```
.border{ border-color:rgb(0, 61, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 61, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 61, 1); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 61, 1); box-shadow:4px  
4px 4px 4px rgb(0, 61, 1) }
```

Background

The CSS property to change the background color of an element to YIQ 35.9210, -17.0960, -31.5920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 61, 1) }
```

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

```
.background{ background-color: rgb(0, 61,  
1) }
```

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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