

Converting Colors

YIQ(34.7220, -14.2570,
-11.4490)

Have a look what the booklet for
YIQ(34.7220, -14.2570, -11.4490)
contains.

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Color

**YIQ(34.7220, -14.2570,
-11.4490)**

Conversions

Conversions Part 1

Format	Color
Hex	0E2E1F
RGB	14, 46, 31
RGB Percent	5%, 18%, 12%
CMY	0.9452, 0.8196, 0.8785
CMYK	0.70, 0.00, 0.33, 0.82
HSL	152°, 53%, 12%
HSV	152°, 70%, 18%
XYZ	1.4055, 2.1471, 1.6359
YIQ	34.7220, -14.2570, -11.4490

Conversions

Conversions Part 2

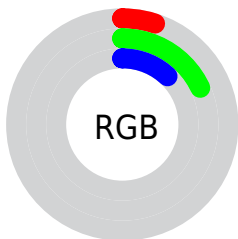
Format	Color
RYB	14, 35, 46
Decimal	929311
CIELab	16.24, -16.25, 6.24
CIElCh	16, 17.402, 158.997
Yxy	2.1471, 0.2709, 0.4138
Android (android.graphics.Color)	4279119391 (0xFF0E2E1F)
YUV	34.7220, -1.8349, -18.1732
Hunter-Lab	14.6530, -8.5217, 3.6378

Details

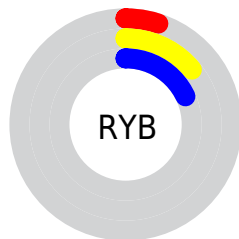
The YIQ color **34.7220, -14.2570, -11.4490** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **25.2780, 14.2570, 11.4490**, and the grayscale version is **35.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **80.1950, -14.2110, -12.2830**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **32.9990, -16.5950, -13.1310**, and if you desaturate by 10%, it is **36.4450, -11.9190, -9.7670**.

Distribution



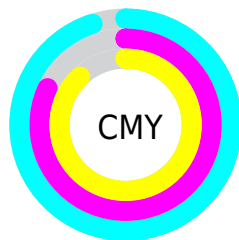
- Red (5%)
- Green (18%)
- Blue (12%)



- Red (5%)
- Yellow (14%)
- Blue (18%)



- Cyan (70%)
- Magenta (0%)
- Yellow (33%)
- Black (82%)



- Cyan (95%)
- Magenta (82%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 34.7220, -14.2570, -11.4490 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 34.7220, -14.2570, -11.4490 by changing the saturation by 10% instead.

■ 34.7220, -14.2570,
-11.4490

■ 34.7220, -14.2570,
-11.4490

■ 251.7110, -6.5560,
-2.3320

■ 16.0600, -9.3970,
-11.4210

■ 80.1950, -14.2110,
-12.2830

■ 0.0000, 0.0000,
0.0000

■ 104.7820,
-14.4860, -12.8060


■ 130.3690,
-14.7610, -13.3290


■ 156.2550,
-14.4400, -13.6400


■ 182.9560,
-15.0360, -13.8520


■ 210.5430,


-15.3110, -14.3750


 239.2440,
-15.9070, -14.5870


 34.7220, -14.2570,
-11.4490


 34.7220, -14.2570,
-11.4490


 32.9990, -16.5950,
-13.1310


 36.4450, -11.9190,
-9.7670


 31.5750, -18.3370,
-14.6010


 37.8690, -10.1770,
-8.2970

 29.8520, -20.6750,
-16.2830

 39.5920, -7.8390,
-6.6150

 29.7380, -20.3540,
-16.5940

 41.1300, -6.4180,
-4.8340

 42.8530, -4.0800,
-3.1520

■ 44.5760, -1.7420,
-1.4700

■ 46.0000, 0.0000,
-0.0000

■ 47.7230, 2.3380,
1.6820

■ 49.1470, 4.0800,
3.1520

Harmonies

Analogous

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



37.3770, -0.0440, -10.2200



34.7220, -14.2570, -11.4490



32.6050, -27.0490, -10.8970

Triad

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



34.7220, -14.2570, -11.4490



38.9630, -15.7730, 5.0190



40.1720, 20.1270, 4.1830

Complementary

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



34.7220, -14.2570, -11.4490



25.2780, 14.2570, 11.4490

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.



40.9640, 18.0170, 9.3850



34.7220, -14.2570, -11.4490



41.7260, -1.7440, 9.5840

Square

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



34.7220, -14.2570, -11.4490



33.0100, -32.3230, -3.4190



41.4240, 10.9100, 11.5340



39.5150, 17.4230, -1.8810

Rectangle

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



34.7220, -14.2570, -11.4490



32.9300, -29.3420, -7.8860



41.4240, 10.9100, 11.5340



40.3400, 19.7140, 6.1620

Sweetspot

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



34.7220, -14.2570, -11.4490



54.4290, -5.8220, -4.6220



37.2690, 0.1400, -13.5560



28.1520, -3.4840, -2.9400



158.0000, -0.0000, 0.0000



31.0000, -0.0000, -0.0000

Same Dimension

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



34.7220, -14.2570, -11.4490



41.4280, -22.4170, -17.7530



35.8450, -18.7970, -6.2610



22.2880, -0.8710, -0.7350



56.3130, -38.6910, -31.1950



138.6140, -95.4440, -76.4680

Inverse Universe

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



25.2780, 14.2570, 11.4490



26.5720, 22.4170, 17.7530



24.1550, 18.7970, 6.2610



21.7120, 0.8710, 0.7350



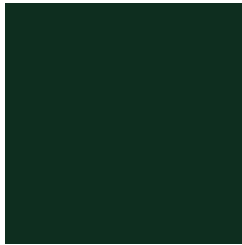
30.6870, 38.6910, 31.1950



75.3860, 95.4440, 76.4680

Previews

White Background



This preview shows how the YIQ color 34.7220, -14.2570, -11.4490 looks on a white background.

Color Contrast Check

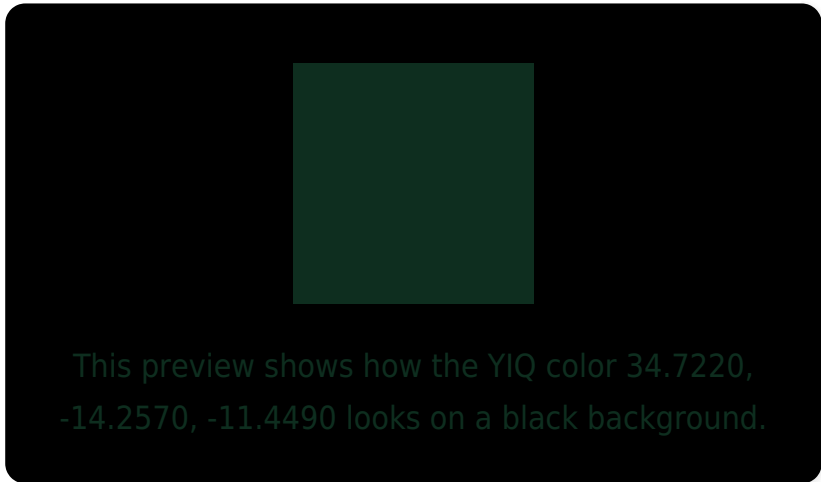
Large Text (above 18pt) WCAG AA ✓ Pass

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

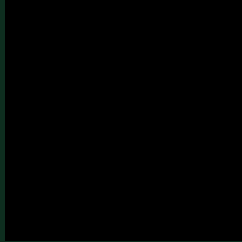
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 34.7220, -14.2570, -11.4490

Background



This preview shows how black text looks on a background with the YIQ color 34.7220, -14.2570, -11.4490.



This preview shows how white text looks on a background with the YIQ color 34.7220, -14.2570,

-11.4490.

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

34.7220, -14.2570, -11.4490

Protanopia

39.9420, 5.9150, -2.5730

Deuteranopia

40.7080, 6.6940, -0.1700



Tritanopia

37.2800, -15.5880, -3.8440

Trichromacy



Original Color

34.7220, -14.2570, -11.4490

Protanomaly

37.9410, -1.5120, -5.6400

Deuteranomaly

38.7670, -0.9620, -4.5940

Tritanomaly

36.5850, -15.1290, -6.6570

Monochromacy



Original Color

34.7220, -14.2570, -11.4490

Achromatopsia

35.0000, 0.0000, 0.0000

Achromatomaly

34.8420, -5.5470, -4.0990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 34.7220, -14.2570, -11.4490 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(14, 46, 31)` looks like.

```
.text, #text, p{  
    color:rgb(14, 46, 31)  
}
```

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(14, 46, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 46, 31) }
```

Border

The CSS property to change the border of an element to YIQ 34.7220, -14.2570, -11.4490 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(14, 46, 31) }
```


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

```
.border{ border-color:rgb(14, 46, 31) }
```

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

Here you see how a box with a 4 pixel rgb(14, 46, 31) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 46, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 46, 31);  
box-shadow:4px 4px 4px 4px rgb(14, 46, 31)  
}
```

Background

The CSS property to change the background color of an element to YIQ 34.7220, -14.2570, -11.4490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 46, 31) }
```

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

```
.background{ background-color: rgb(14, 46,  
31) }
```

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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