

Converting Colors

YIQ(34.0480, 8.0720, -14.1360)

Have a look what the booklet for
YIQ(34.0480, 8.0720, -14.1360)
contains.

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Color

**YIQ(34.0480, 8.0720,
-14.1360)**

Conversions

Conversions Part 1

Format	Color
Hex	212901
RGB	33, 41, 1
RGB Percent	13%, 16%, 0%
CMY	0.8706, 0.8392, 0.9960
CMYK	0.20, 0.00, 0.98, 0.84
HSL	72°, 95%, 8%
HSV	72°, 98%, 16%
XYZ	1.4255, 1.9115, 0.3230
YIQ	34.0480, 8.0720, -14.1360

Conversions

Conversions Part 2

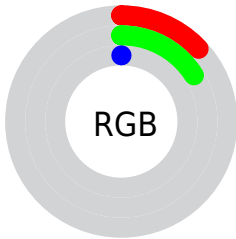
Format	Color
R_{YB}	1, 41, 9
Decimal	2173185
CIE _{Lab}	15.02, -10.38, 21.27
CIE _{LCh}	15, 23.669, 116.024
Yxy	1.9115, 0.3895, 0.5223
Android (android.graphics.Color)	4280363265 (0xFF212901)
YUV	34.0480, -16.2927, -0.9191
Hunter-Lab	13.8256, -5.7910, 8.2928

Details

The YIQ color **34.0480, 8.0720, -14.1360** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **7.9520, -8.0720, 14.1360**, and the grayscale version is **34.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **79.2760, 7.4300, -13.5140**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **33.9340, 8.3930, -14.4470**, and if you desaturate by 10%, it is **34.8030, 7.3840, -12.6800**.

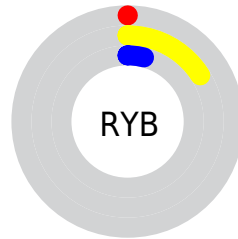
Distribution



Red (13%)

Green (16%)

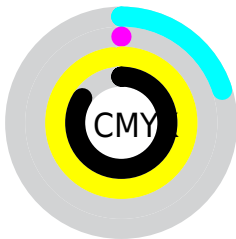
Blue (0%)



Red (0%)

Yellow (16%)

Blue (4%)

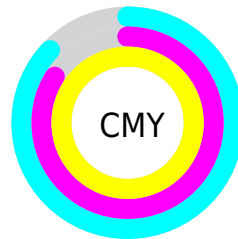


Cyan (20%)

Magenta (0%)

Yellow (98%)

Black (84%)



Cyan (87%)

Magenta (84%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 34.0480, 8.0720, -14.1360 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 34.0480, 8.0720, -14.1360 by changing the saturation by 10% instead.

■ 34.0480, 8.0720,
-14.1360

■ 34.0480, 8.0720,
-14.1360

■ 251.8080, 8.9880,
-8.7080

■ 12.6260, -5.1790,
-10.7710

■ 79.2760, 7.4300,
-13.5140

■ 0.0000, 0.0000,
0.0000

■ 103.7490, 7.4760,
-14.3480

■ 128.8200, 8.7140,
-14.7580


■ 154.7060, 9.0350,
-15.0690

■ 181.5920, 9.3560,
-15.3800

■ 209.4780, 9.6770,

-15.6910

 237.3640, 9.9980,
-16.0020


 34.0480, 8.0720,
-14.1360


 34.0480, 8.0720,
-14.1360


 33.9340, 8.3930,
-14.4470

 34.8030, 7.3840,
-12.6800

 35.5580, 6.6960,
-11.2240

 36.0140, 5.4120,
-9.9800

 36.7690, 4.7240,
-8.5240

 37.6380, 3.7150,
-6.7570

■ 38.3930, 3.0270,
-5.3010

■ 39.1480, 2.3390,
-3.8450

■ 39.9030, 1.6510,
-2.3890

■ 40.3590, 0.3670,
-1.1450

Harmonies

Analogous

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



35.7830, 19.3040, -8.4400



34.0480, 8.0720, -14.1360



30.5710, -12.5140, -15.5060

Triad

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



34.0480, 8.0720, -14.1360



33.2380, -32.9650, -2.7970



37.3220, 20.1250, 15.2370

Complementary

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



34.0480, 8.0720, -14.1360



7.9520, -8.0720, 14.1360

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.



39.0910, 7.6540, 15.4780



34.0480, 8.0720, -14.1360



31.5740, -33.7910, 1.1610

Square

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



34.0480, 8.0720, -14.1360



32.9300, -29.3420, -7.8860



37.8760, -10.9140, 10.5740



36.8570, 25.6280, 9.1160

Rectangle

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



34.0480, 8.0720, -14.1360



29.7210, -21.6840, -14.5160



37.8760, -10.9140, 10.5740



37.8810, 17.0530, 15.8450

Sweetspot

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



34.0480, 8.0720, -14.1360



50.9800, 2.7520, -5.8240



17.6560, 21.6400, 4.2960



26.2620, 2.0180, -3.5340



156.0000, -0.0000, -0.0000



28.0000, -0.0000, 0.0000

Same Dimension

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



34.0480, 8.0720, -14.1360



44.5550, 10.7780, -19.1260



28.0680, -3.8480, -18.3760



19.7720, 0.6420, -0.6220



69.3410, 16.8320, -29.7280



174.9750, 42.4240, -75.0480

Inverse Universe

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



7.9520, -8.0720, 14.1360



9.4450, -10.7780, 19.1260



13.9320, 3.8480, 18.3760



18.5270, -0.0460, 0.8340



14.6590, -16.8320, 29.7280



36.7260, -43.0200, 74.8360

Previews

White Background



This preview shows how the YIQ color 34.0480, 8.0720, -14.1360 looks on a white background.

Color Contrast Check

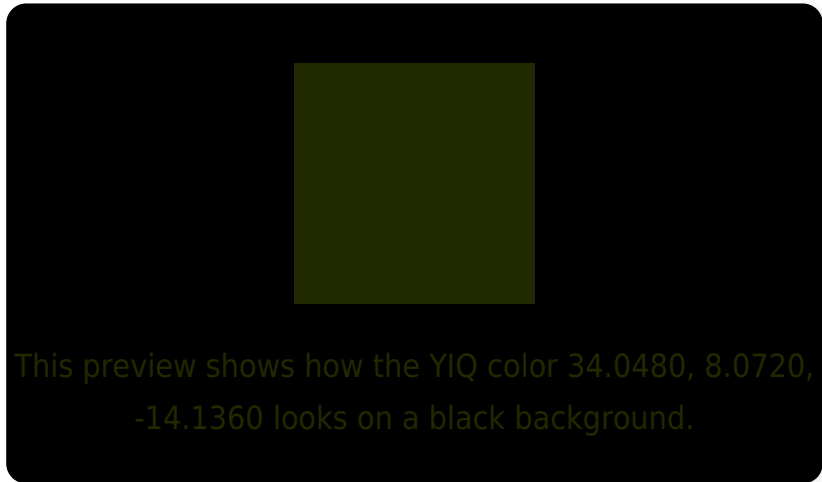
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.0480, 8.0720, -14.1360

Background



This preview shows how black text looks on a background with the YIQ color 34.0480, 8.0720, -14.1360.



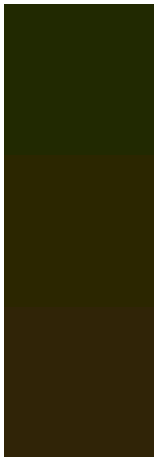
This preview shows how white text looks on a background with the YIQ color 34.0480, 8.0720,

-14.1360.

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

34.0480, 8.0720, -14.1360

Protanopia

35.1630, 15.1780, -10.7580

Deuteranopia

36.2820, 16.4610, -6.4750



Tritanopia

37.7440, -2.1550, 0.5090

Trichromacy



Original Color

34.0480, 8.0720, -14.1360

Protanomaly

34.5540, 12.5190, -12.1290

Deuteranomaly

35.7330, 13.5730, -9.2030

Tritanomaly

36.3220, 1.7890, -4.8910

Monochromacy



Original Color

34.0480, 8.0720, -14.1360

Achromatopsia

34.0000, -0.0000, 0.0000

Achromatomaly

34.3930, 3.0270, -5.3010

CSS Examples

Text

The CSS property to change the color of the text to YIQ 34.0480, 8.0720, -14.1360 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, 41, 1)` looks like.

```
.text, #text, p{  
    color:rgb(33, 41, 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(33, 41, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 41, 1) }
```

Border

The CSS property to change the border of an element to YIQ 34.0480, 8.0720, -14.1360 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, 41, 1) }
```


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

```
.border{ border-color:rgb(33, 41, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 41, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 41, 1); -webkit-box-shadow:4px  
4px 4px 4px rgb(33, 41, 1); box-shadow:4px  
4px 4px 4px rgb(33, 41, 1) }
```

Background

The CSS property to change the background color of an element to YIQ 34.0480, 8.0720, -14.1360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 41, 1) }
```

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

```
.background{ background-color: rgb(33, 41,  
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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