

Converting Colors

YIQ(30.0930, 4.1720, 1.4840)

Have a look what the booklet for
YIQ(30.0930, 4.1720, 1.4840)
contains.

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Color

YIQ(30.0930, 4.1720, 1.4840)

Conversions

Conversions Part 1

Format	Color
Hex	231C1C
RGB	35, 28, 28
RGB Percent	14%, 11%, 11%
CMY	0.8627, 0.8902, 0.8902
CMYK	0.00, 0.20, 0.20, 0.86
HSL	360°, 11%, 12%
HSV	360°, 20%, 14%
XYZ	1.3181, 1.2716, 1.2748
YIQ	30.0930, 4.1720, 1.4840

Conversions

Conversions Part 2

Format	Color
RYB	35, 28, 28
Decimal	2300956
CIELab	11.08, 3.42, 1.27
CIELCh	11, 3.649, 20.322
Yxy	1.2716, 0.3411, 0.3290
Android (android.graphics.Color)	4280491036 (0xFF231C1C)
YUV	30.0930, -1.0318, 4.3034
Hunter-Lab	11.2766, 1.1305, 1.1908

Details

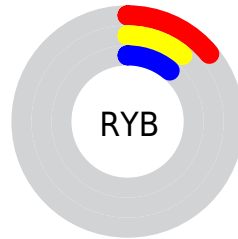
The YIQ color **30.0930, 4.1720, 1.4840** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **32.9070, -4.1720, -1.4840**, and the grayscale version is **30.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **73.3920, 4.7680, 1.6960**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **27.4030, 6.2350, 2.6430**, and if you desaturate by 10%, it is **32.3100, 2.0630, 1.1590**.

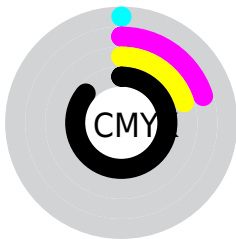
Distribution



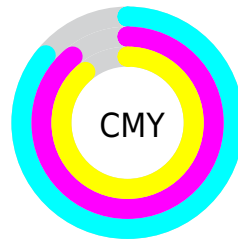
- Red (14%)
- Green (11%)
- Blue (11%)



- Red (14%)
- Yellow (11%)
- Blue (11%)



- Cyan (0%)
- Magenta (20%)
- Yellow (20%)
- Black (86%)



- Cyan (86%)
- Magenta (89%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 30.0930, 4.1720, 1.4840 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 30.0930, 4.1720, 1.4840 by changing the saturation by 10% instead.

■ 30.0930, 4.1720,
1.4840

■ 30.0930, 4.1720,
1.4840

■ 255.0000, -0.0000,
-0.0000

■ 4.8870, 7.7480,
2.7560

■ 73.3920, 4.7680,
1.6960

■ 0.0000, 0.0000,
0.0000

■ 97.6910, 5.3640,
1.9080

■ 122.6910, 5.3640,
1.9080

■ 147.9900, 5.9600,
2.1200

■ 174.6910, 5.3640,
1.9080

■ 201.9900, 5.9600,

2.1200

■ 229.9900, 5.9600,
2.1200

■ 30.0930, 4.1720,
1.4840

■ 30.0930, 4.1720,
1.4840

■ 27.4030, 6.2350,
2.6430

■ 32.3100, 2.0630,
1.1590

■ 25.1860, 8.3440,
2.9680

■ 35.0000, 0.0000,
0.0000

■ 22.4960, 10.4070,
4.1270

■ 37.1030, -1.7880,
-0.6360

■ 20.2790, 12.5160,
4.4520

■ 39.9070, -4.1720,
-1.4840

■ 17.5890, 14.5790,
5.6110

■ 42.5970, -6.2350,
-2.6430

■ 15.3720, 16.6880,
5.9360

■ 44.8140, -8.3440,
-2.9680

■ 12.6820, 18.7510,
7.0950

■ 47.5040, -10.4070,
-4.1270

■ 10.4650, 20.8600,
7.4200

■ 49.7210, -12.5160,
-4.4520

■ 52.4110, -14.5790,
-5.6110

Harmonies

Analogous

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



30.1360, 2.6130, 2.2050



30.0930, 4.1720, 1.4840



29.5660, 4.2180, 0.6500

Triad

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



30.0930, 4.1720, 1.4840



29.2340, -0.7790, -2.4030



29.2600, -3.6680, 0.3960

Complementary

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



30.0930, 4.1720, 1.4840



32.9070, -4.1720, -1.4840

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.



29.1350, -4.8140, -0.8620



30.0930, 4.1720, 1.4840



28.9780, -2.9340, -1.8940

Square

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



30.0930, 4.1720, 1.4840



29.4300, 1.6050, -1.5550



28.6080, -4.7680, -1.6960



29.5700, -1.6050, 1.5550

Rectangle

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



30.0930, 4.1720, 1.4840



29.7400, 3.6680, -0.3960



28.6080, -4.7680, -1.6960



28.9610, -4.2640, 0.1840

Sweetspot

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



30.0930, 4.1720, 1.4840



43.8970, 1.7880, 0.6360



30.8910, 1.9250, 3.6610



21.5980, 1.1920, 0.4240



150.0000, -0.0000, -0.0000



23.0000, 0.0000, -0.0000

Same Dimension

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



30.0930, 4.1720, 1.4840



38.2890, 6.5560, 2.3320



31.8540, 3.3470, -0.0850



16.5980, 1.1920, 0.4240



24.5180, 48.8720, 17.3840



62.4910, 124.5640, 44.3080

Inverse Universe

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



30.0930, 4.1720, 1.4840



38.2890, 6.5560, 2.3320



31.1460, -3.3470, 0.0850



16.5980, 1.1920, 0.4240



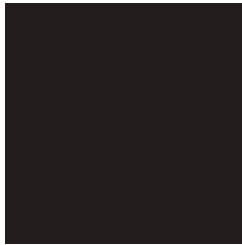
24.5180, 48.8720, 17.3840



62.4910, 124.5640, 44.3080

Previews

White Background



This preview shows how the YIQ color 30.0930, 4.1720, 1.4840 looks on a white background.

Color Contrast Check

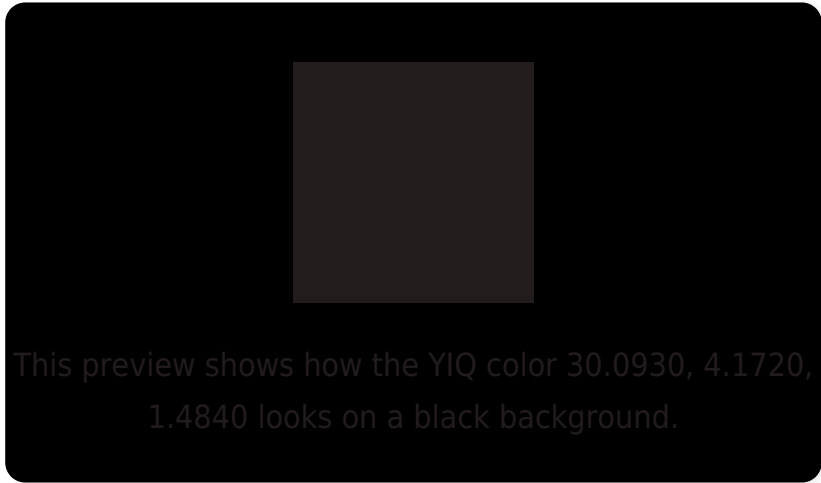
Large Text (above 18pt) WCAG AA ✓ Pass

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

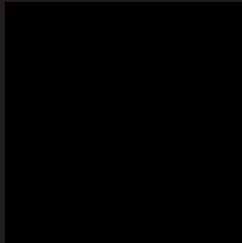
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 30.0930, 4.1720, 1.4840

Background



This preview shows how black text looks on a background with the YIQ color 30.0930, 4.1720, 1.4840.

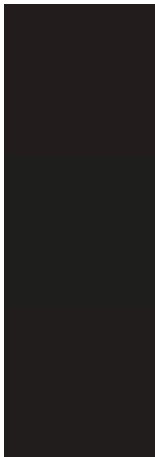


This preview shows how white text looks on a background with the YIQ color 30.0930, 4.1720, 1.4840.

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

30.0930, 4.1720, 1.4840

Protanopia

29.8860, 0.3210, -0.3110

Deuteranopia

30.0820, 2.7050, 0.5370



Tritanopia

30.3210, 3.5300, 2.1060

Trichromacy



Original Color

30.0930, 4.1720, 1.4840

Protanomaly

29.8970, 1.7880, 0.6360

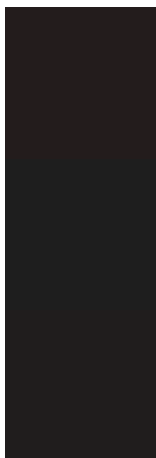
Deuteranomaly

30.3810, 3.3010, 0.7490

Tritanomaly

30.2070, 3.8510, 1.7950

Monochromacy



Original Color

30.0930, 4.1720, 1.4840

Achromatopsia

30.0000, -0.0000, -0.0000

Achromatomaly

29.8970, 1.7880, 0.6360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 30.0930, 4.1720, 1.4840 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(35, 28, 28)` looks like.

```
.text, #text, p{  
    color:rgb(35, 28, 28)  
}
```

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(35, 28, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 28, 28) }
```

Border

The CSS property to change the border of an element to YIQ 30.0930, 4.1720, 1.4840 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(35, 28, 28) }
```

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

```
.border{ border-color:rgb(35, 28, 28) }
```

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

Here you see how a box with a 4 pixel rgb(35, 28, 28) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 28, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 28, 28);  
box-shadow:4px 4px 4px 4px rgb(35, 28, 28)  
}
```


Background

The CSS property to change the background color of an element to YIQ 30.0930, 4.1720, 1.4840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 28, 28) }
```

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

```
.background{ background-color: rgb(35, 28,  
28) }
```

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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