

Converting Colors

YIQ(30.1270, 16.0000, 7.3920)

Have a look what the booklet for
YIQ(30.1270, 16.0000, 7.3920)
contains.

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Color

**YIQ(30.1270, 16.0000,
7.3920)**

Conversions

Conversions Part 1

Format	Color
Hex	321519
RGB	50, 21, 25
RGB Percent	20%, 8%, 10%
CMY	0.8039, 0.9177, 0.9019
CMYK	0.00, 0.58, 0.50, 0.80
HSL	352°, 41%, 14%
HSV	352°, 58%, 20%
XYZ	1.7599, 1.2847, 1.0758
YIQ	30.1270, 16.0000, 7.3920

Conversions

Conversions Part 2

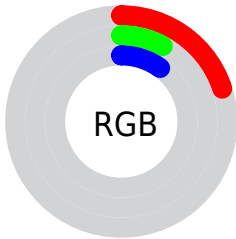
Format	Color
R_{YB}	50, 21, 25
Decimal	3282201
CIE Lab	11.17, 15.17, 3.93
CIE LCh	11, 15.672, 14.506
Yxy	1.2847, 0.4271, 0.3118
Android (android.graphics.Color)	4281472281 (0xFF321519)
YUV	30.1270, -2.5276, 17.4286
Hunter-Lab	11.3345, 7.8797, 2.3068

Details

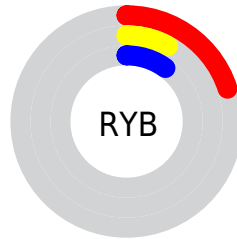
The YIQ color **30.1270, 16.0000, 7.3920** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **40.8730, -16.0000, -7.3920**, and the grayscale version is **30.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **74.6220, 18.9800, 8.4520**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **26.7360, 18.6590, 8.7630**, and if you desaturate by 10%, it is **33.5180, 13.3410, 6.0210**.

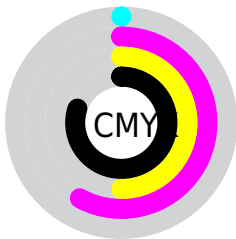
Distribution



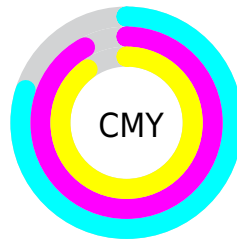
- Red (20%)
- Green (8%)
- Blue (10%)



- Red (20%)
- Yellow (8%)
- Blue (10%)



- Cyan (0%)
- Magenta (58%)
- Yellow (50%)
- Black (80%)





- Cyan (80%)
- Magenta (92%)
- Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 30.1270, 16.0000, 7.3920 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 30.1270, 16.0000, 7.3920 by changing the saturation by 10% instead.

 30.1270, 16.0000,
7.3920


 30.1270, 16.0000,
7.3920


 250.4350, 3.2090,
2.4170


 9.2690, 18.4760,
6.5720


 74.6220, 18.9800,
8.4520

 0.0000, 0.0000,
0.0000

 98.8070, 19.8970,
8.3530


 124.4050, 21.0890,
8.7770


 150.0030, 22.2810,
9.2010


 176.4160, 22.5560,
9.7240


 204.6010, 23.4730,


9.6250


 230.8070, 19.8970,
8.3530


 30.1270, 16.0000,
7.3920


 30.1270, 16.0000,
7.3920


 26.7360, 18.6590,
8.7630


 33.5180, 13.3410,
6.0210


 23.2310, 21.6390,
9.8230


 37.0230, 10.3610,
4.9610


 19.8400, 24.2980,
11.1940

 40.4140, 7.7020,
3.5900

 16.4490, 26.9570,
12.5650

 43.8050, 5.0430,
2.2190

 15.7480, 27.5530,
12.7770

 47.3100, 2.0630,
1.1590

■ 50.7010, -0.5960,
-0.2120

■ 54.0920, -3.2550,
-1.5830

■ 57.4830, -5.9140,
-2.9540

■ 60.9880, -8.8940,
-4.0140

Harmonies

Analogous

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



31.0710, 10.4060, 9.6540



30.1270, 16.0000, 7.3920



29.4490, 17.7890, 2.5010

Triad

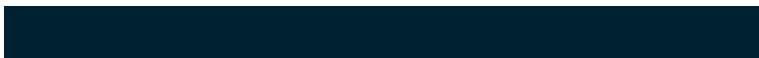
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



30.1270, 16.0000, 7.3920



26.8330, -1.3280, -8.9760



25.0710, -25.1250, -1.7090

Complementary

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



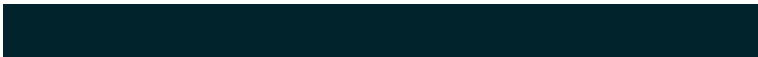
30.1270, 16.0000, 7.3920



40.8730, -16.0000, -7.3920

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.



25.5610, -23.7490, -4.6210



30.1270, 16.0000, 7.3920



24.4770, -14.9450, -9.9930

Square

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



30.1270, 16.0000, 7.3920



28.1070, 9.5840, -8.4960



24.5350, -20.8600, -7.4200



29.0020, -11.5090, 4.8350

Rectangle

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



30.1270, 16.0000, 7.3920



29.1020, 17.1480, -2.4040



24.5350, -20.8600, -7.4200



24.9570, -24.8040, -2.0200

Sweetspot

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



30.1270, 16.0000, 7.3920



56.4030, 6.2350, 2.6430



31.7810, 5.5910, 14.3190



28.7940, 3.5760, 1.2720



161.0000, -0.0000, -0.0000



33.0000, -0.0000, -0.0000

Same Dimension

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



30.1270, 16.0000, 7.3920



33.1390, 24.8940, 11.4060



35.5410, 14.5340, 0.9180



23.8970, 1.7880, 0.6360



27.9790, 49.1920, 22.6000



68.3030, 119.7020, 55.3340

Inverse Universe

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



30.1270, 16.0000, 7.3920



33.1390, 24.8940, 11.4060



35.4590, -14.5340, -0.9180



23.8970, 1.7880, 0.6360



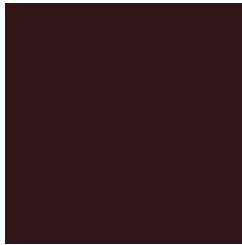
27.9790, 49.1920, 22.6000



68.3030, 119.7020, 55.3340

Previews

White Background



This preview shows how the YIQ color 30.1270, 16.0000, 7.3920 looks on a white background.

Color Contrast Check

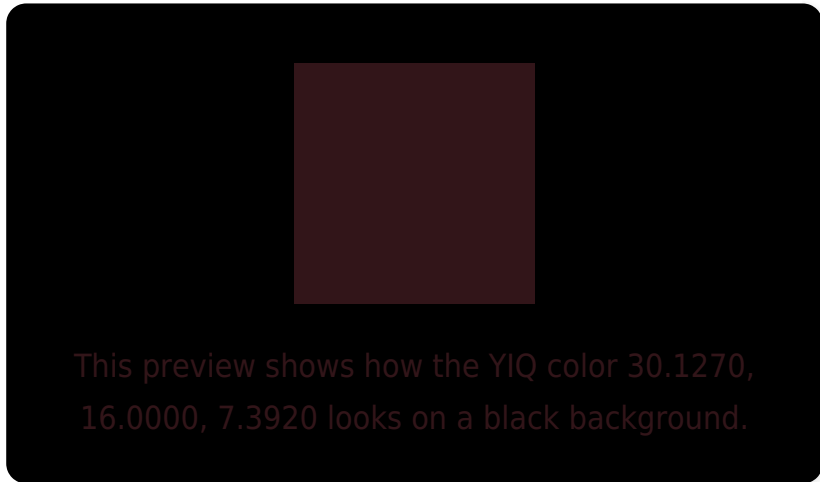
Large Text (above 18pt) WCAG AA ✓ Pass

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

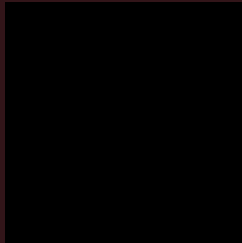
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 30.1270, 16.0000, 7.3920

Background



This preview shows how black text looks on a background with the YIQ color 30.1270, 16.0000, 7.3920.

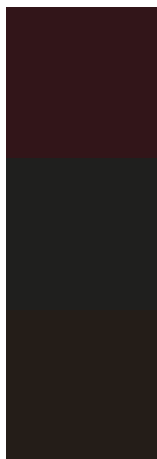


This preview shows how white text looks on a background with the YIQ color 30.1270, 16.0000,

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

30.1270, 16.0000, 7.3920

Protanopia

30.8860, 0.3210, -0.3110

Deuteranopia

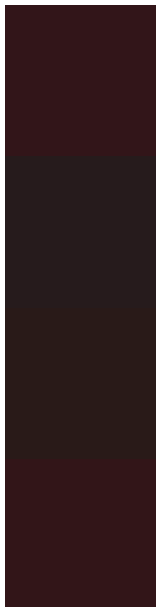
30.5230, 5.7770, -0.0710



Tritanopia

29.8990, 16.6420, 6.7700

Trichromacy



Original Color

30.1270, 16.0000, 7.3920

Protanomaly

30.4030, 6.2350, 2.6430

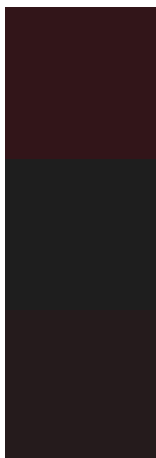
Deuteranomaly

30.2570, 9.5820, 2.5580

Tritanomaly

30.0130, 16.3210, 7.0810

Monochromacy



Original Color

30.1270, 16.0000, 7.3920

Achromatopsia

30.0000, -0.0000, -0.0000

Achromatomaly

30.1040, 5.6390, 2.4310

CSS Examples

Text

The CSS property to change the color of the text to YIQ 30.1270, 16.0000, 7.3920 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(50, 21, 25)` looks like.

```
.text, #text, p{  
    color:rgb(50, 21, 25)  
}
```

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(50, 21, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 21, 25) }
```

Border

The CSS property to change the border of an element to YIQ 30.1270, 16.0000, 7.3920 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(50, 21, 25) }
```


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

```
.border{ border-color:rgb(50, 21, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 21, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 21, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 21, 25);  
box-shadow:4px 4px 4px 4px rgb(50, 21, 25)  
}
```

Background

The CSS property to change the background color of an element to YIQ 30.1270, 16.0000, 7.3920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 21, 25) }
```

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

```
.background{ background-color: rgb(50, 21,  
25) }
```

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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