

Converting Colors

YIQ(21.3270, 21.7290, 19.2090)

Have a look what the booklet for
YIQ(21.3270, 21.7290, 19.2090)
contains.

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Color

**YIQ(21.3270, 21.7290,
19.2090)**

Conversions

Conversions Part 1

Format	Color
Hex	36031E
RGB	54, 3, 30
RGB Percent	21%, 1%, 12%
CMY	0.7881, 0.9883, 0.8823
CMYK	0.00, 0.94, 0.44, 0.79
HSL	328°, 90%, 11%
HSV	328°, 94%, 21%
XYZ	1.7901, 0.9437, 1.3172
YIQ	21.3270, 21.7290, 19.2090

Conversions

Conversions Part 2

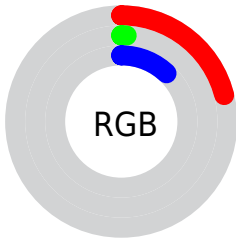
Format	Color
R _Y B	54, 3, 30
Decimal	3539742
CIE Lab	8.51, 27.37, -3.65
CIE LCh	9, 27.610, 352.409
Yxy	0.9437, 0.4419, 0.2330
Android (android.graphics.Color)	4281729822 (0xFF36031E)
YUV	21.3270, 4.2758, 28.6542
Hunter-Lab	9.7146, 15.8916, -1.2391




Details

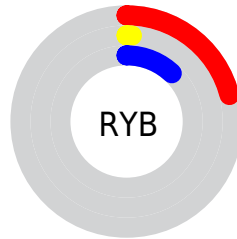
The YIQ color **21.3270, 21.7290, 19.2090** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **35.6730, -21.7290, -19.2090**, and the grayscale version is **21.0000, -0.0000, -0.0000**.




A 20% lighter version of the original color is **68.8820, 24.4800, 18.9120**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **19.4520, 22.8750, 20.4670**, and if you desaturate by 10%, it is **24.6040, 19.3910, 17.5270**.

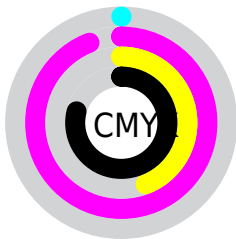
Distribution







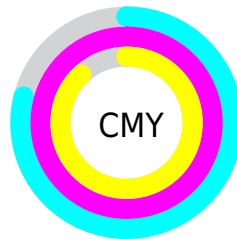
-  Red (21%)
-  Green (1%)
-  Blue (12%)






-  Red (21%)
-  Yellow (1%)
-  Blue (12%)



-  Cyan (0%)
-  Magenta (94%)
-  Yellow (44%)
-  Black (79%)



-  Cyan (79%)
-  Magenta (99%)
-  Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 21.3270, 21.7290, 19.2090 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 21.3270, 21.7290, 19.2090 by changing the saturation by 10% instead.

■ 21.3270, 21.7290,
19.2090

■ 21.3270, 21.7290,
19.2090

■ 241.4990, 6.3250,
12.0290

■ 10.6220, 18.9800,
8.4520

■ 68.2950, 24.7550,
19.4350

■ 0.0000, 0.0000,
0.0000

■ 92.7790, 26.2680,
19.5480


■ 118.3770, 27.4600,
19.9720


■ 144.0890, 28.3310,
20.7070


■ 170.6870, 29.5230,
21.1310


■ 198.3990, 30.3940,


21.8660


 222.2130, 22.0500,
18.8980


 21.3270, 21.7290,
19.2090


 21.3270, 21.7290,
19.2090


 19.4520, 22.8750,
20.4670

 24.6040, 19.3910,
17.5270

 28.3540, 17.0990,
15.0110

 31.6310, 14.7610,
13.3290

 35.3810, 12.4690,
10.8130

 38.6580, 10.1310,
9.1310

■ 41.8210, 8.1140,
7.1380

■ 45.6850, 5.5010,
4.9330

■ 48.8480, 3.4840,
2.9400

■ 52.7120, 0.8710,
0.7350

Harmonies

Analogous

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



24.6610, 6.0490, 17.0330



21.3270, 21.7290, 19.2090



19.8900, 30.0290, 11.9570

Triad

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



21.3270, 21.7290, 19.2090



21.8180, 3.0280, -10.8280



24.9400, -26.1340, 0.0580

Complementary

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



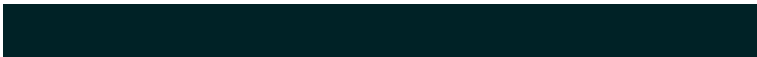
21.3270, 21.7290, 19.2090



35.6730, -21.7290, -19.2090

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.



24.2900, -21.5480, -5.9640



21.3270, 21.7290, 19.2090



18.7840, -8.8000, -16.7360

Square

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



21.3270, 21.7290, 19.2090



23.6780, 15.4060, -3.8740



22.1240, -15.4490, -11.8730



23.3900, -27.2810, 4.3270

Rectangle

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



21.3270, 21.7290, 19.2090



21.4180, 28.2420, 5.7940



22.1240, -15.4490, -11.8730



24.9570, -24.8040, -2.0200

Sweetspot

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



21.3270, 21.7290, 19.2090



58.2340, 8.3890, 7.6610



15.9900, -2.0670, 20.9490



28.2720, 5.2260, 4.4100



163.0000, -0.0000, -0.0000



36.0000, -0.0000, 0.0000

Same Dimension

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



21.3270, 21.7290, 19.2090



25.5610, 30.1180, 26.8700



18.4770, 29.7540, 11.4340



26.1250, 1.1460, 1.2580



33.0940, 39.1030, 34.7430



78.7050, 93.2880, 82.5040

Inverse Universe

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



21.3270, 21.7290, 19.2090



25.5610, 30.1180, 26.8700



38.5230, -29.7540, -11.4340



26.1250, 1.1460, 1.2580



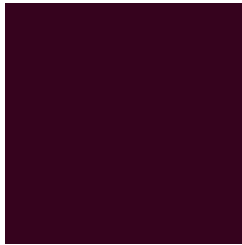
33.0940, 39.1030, 34.7430



78.7050, 93.2880, 82.5040

Previews

White Background



This preview shows how the YIQ color 21.3270, 21.7290, 19.2090 looks on a white background.

Color Contrast Check

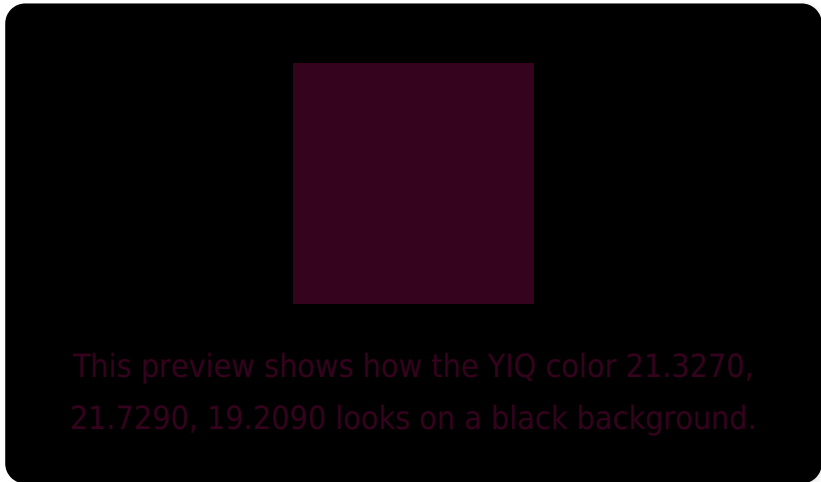
Large Text (above 18pt) WCAG AA ✓ Pass

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

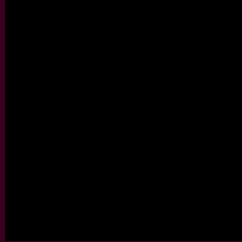
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 21.3270, 21.7290, 19.2090

Background



This preview shows how black text looks on a background with the YIQ color 21.3270, 21.7290, 19.2090.



This preview shows how white text looks on a background with the YIQ color 21.3270, 21.7290,

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

21.3270, 21.7290, 19.2090

Protanopia

28.2150, -7.7950, 3.6050

Deuteranopia

28.3100, 2.0630, 1.1590



Tritanopia

24.2590, 24.4360, 8.6920

Trichromacy



Original Color

21.3270, 21.7290, 19.2090

Protanomaly

25.6510, 2.8410, 9.0890

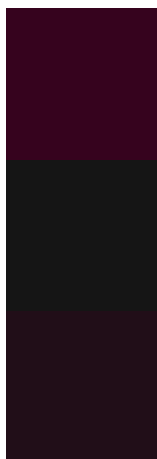
Deuteranomaly

25.5330, 8.9850, 7.8730

Tritanomaly

23.2960, 23.0140, 12.4380

Monochromacy



Original Color

21.3270, 21.7290, 19.2090

Achromatopsia

21.0000, -0.0000, -0.0000

Achromatomaly

20.8210, 8.1140, 7.1380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 21.3270, 21.7290, 19.2090 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(54, 3, 30)` looks like.

```
.text, #text, p{  
    color:rgb(54, 3, 30)  
}
```

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(54, 3, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 3, 30) }
```

Border

The CSS property to change the border of an element to YIQ 21.3270, 21.7290, 19.2090 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(54, 3, 30) }
```


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

```
.border{ border-color:rgb(54, 3, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 3, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 3, 30); -webkit-box-shadow:4px  
4px 4px 4px rgb(54, 3, 30); box-shadow:4px  
4px 4px 4px rgb(54, 3, 30) }
```

Background

The CSS property to change the background color of an element to YIQ 21.3270, 21.7290, 19.2090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 3, 30) }
```

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

```
.background{ background-color: rgb(54, 3,  
30) }
```

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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