

Converting Colors

YIQ(21.5040, -1.2390, 5.9370)

Have a look what the booklet for
YIQ(21.5040, -1.2390, 5.9370)
contains.

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Color

**YIQ(21.5040, -1.2390,
5.9370)**

Conversions

Conversions Part 1

Format	Color
Hex	181221
RGB	24, 18, 33
RGB Percent	9%, 7%, 13%
CMY	0.9059, 0.9294, 0.8706
CMYK	0.27, 0.45, 0.00, 0.87
HSL	264°, 29%, 10%
HSV	264°, 45%, 13%
XYZ	0.8676, 0.7366, 1.5350
YIQ	21.5040, -1.2390, 5.9370

Conversions

Conversions Part 2

Format	Color
R_{YB}	24, 18, 33
Decimal	1577505
CIE Lab	6.65, 6.85, -9.26
CIE LCh	7, 11.515, 306.498
Yxy	0.7366, 0.2764, 0.2346
Android (android.graphics.Color)	4279767585 (0xFF181221)
YUV	21.5040, 5.6675, 2.1890
Hunter-Lab	8.5824, 3.0244, -4.5965

Details

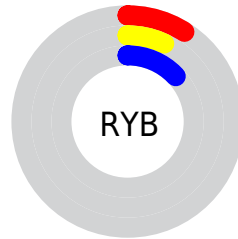
The YIQ color **21.5040, -1.2390, 5.9370** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **29.4960, 1.2390, -5.9370**, and the grayscale version is **21.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **64.0310, -1.2850, 6.7710**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **19.1450, -1.6060, 7.0820**, and if you desaturate by 10%, it is **23.8630, -0.8720, 4.7920**.

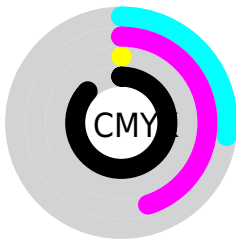
Distribution



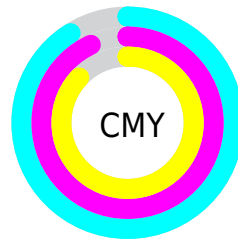
- Red (9%)
- Green (7%)
- Blue (13%)



- Red (9%)
- Yellow (7%)
- Blue (13%)



- Cyan (27%)
- Magenta (45%)
- Yellow (0%)
- Black (87%)



- Cyan (91%)
- Magenta (93%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 21.5040, -1.2390, 5.9370 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 21.5040, -1.2390, 5.9370 by changing the saturation by 10% instead.

■ 21.5040, -1.2390,
5.9370

■ 21.5040, -1.2390,
5.9370

■ 246.1730, 1.1910,
5.9510

■ 0.9120, -2.5680,
2.4880

■ 64.0310, -1.2850,
6.7710

■ 0.0000, 0.0000,
0.0000

■ 87.1450, -1.6060,
7.0820

■ 111.5580, -1.3310,
7.6050

■ 137.5580, -1.3310,
7.6050

■ 163.6720, -1.6520,
7.9160

■ 190.6720, -1.6520,

7.9160

■ 218.0850, -1.3770,
8.4390

■ 21.5040, -1.2390,
5.9370

■ 21.5040, -1.2390,
5.9370

■ 19.1450, -1.6060,
7.0820

■ 23.8630, -0.8720,
4.7920

■ 16.1990, -1.6980,
8.7500

■ 26.8090, -0.7800,
3.1240

■ 13.8400, -2.0650,
9.8950

■ 29.1680, -0.4130,
1.9790

■ 11.4810, -2.4320,
11.0400

■ 31.5270, -0.0460,
0.8340

■ 9.1220, -2.7990,
12.1850

■ 33.8860, 0.3210,
-0.3110

■ 7.6490, -2.8450,
13.0190

■ 36.8320, 0.4130,
-1.9790

■ 39.1910, 0.7800,
-3.1240

■ 41.5500, 1.1470,
-4.2690

■ 44.4960, 1.2390,
-5.9370

Harmonies

Analogous

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



20.0190, -10.1790, 2.7570



21.5040, -1.2390, 5.9370



21.4510, 6.2800, 7.3360

Triad

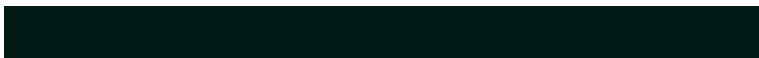
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



21.5040, -1.2390, 5.9370



20.1340, 14.1220, -2.6300



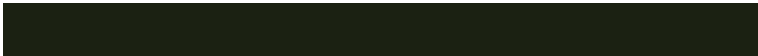
17.7700, -14.2120, -6.7560

Complementary

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



21.5040, -1.2390, 5.9370



29.4960, 1.2390, -5.9370

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.



16.6410, -9.5350, -8.9190



21.5040, -1.2390, 5.9370



20.1010, 9.7210, -5.4710

Square

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



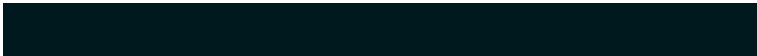
21.5040, -1.2390, 5.9370



20.1820, 14.1670, 2.0630



18.3990, 2.8900, -8.3260



18.0950, -16.5050, -3.7450

Rectangle

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



21.5040, -1.2390, 5.9370



21.7780, 9.6730, 6.4170



18.3990, 2.8900, -8.3260



17.4280, -13.2490, -7.6890

Sweetspot

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



21.5040, -1.2390, 5.9370



38.5810, -0.1380, 2.5020



24.9930, -7.2900, -0.0420



20.0540, -0.0920, 1.6680



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.



21.5040, -1.2390, 5.9370



25.3130, -2.0190, 9.0610



23.5970, 2.9330, 7.4210



14.1140, -0.3210, 0.3110



18.5740, -6.2870, 31.3530



48.4150, -16.9790, 81.9730

Inverse Universe

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



23.5110, 6.0510, 5.9790



28.4730, 9.2140, 9.2300



27.1040, -3.5290, -7.6330



14.4130, 0.2750, 0.5230



28.9790, 31.9970, 31.3650



76.0290, 83.5680, 82.4480

Previews

White Background



This preview shows how the YIQ color 21.5040, -1.2390, 5.9370 looks on a white background.

Color Contrast Check

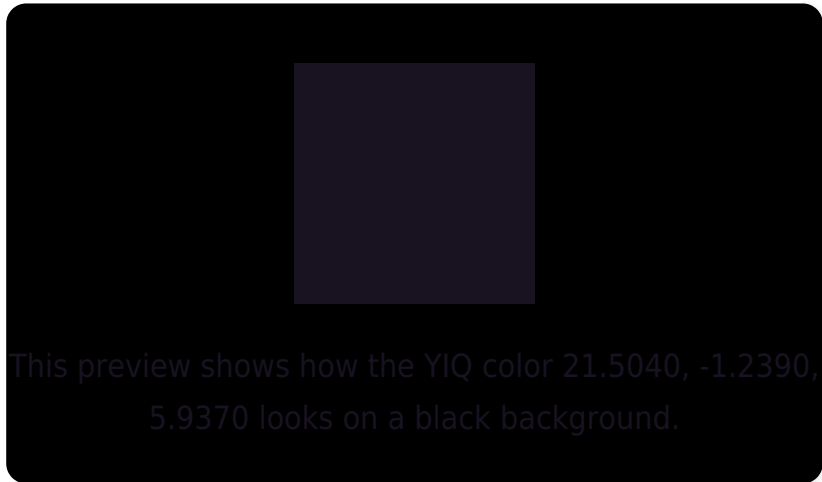
Large Text (above 18pt) WCAG AA ✓ Pass

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

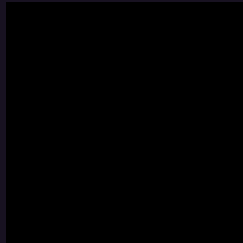
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 21.5040, -1.2390, 5.9370

Background



This preview shows how black text looks on a background with the YIQ color 21.5040, -1.2390, 5.9370.

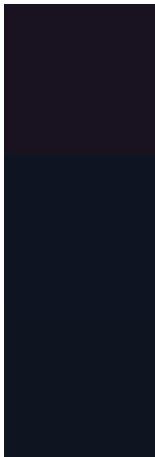


This preview shows how white text looks on a background with the YIQ color 21.5040, -1.2390,

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

21.5040, -1.2390, 5.9370

Protanopia

20.2150, -7.7950, 3.6050

Deuteranopia

20.4600, -7.1070, 2.1490



Tritanopia

20.8260, 0.5500, 1.0460

Trichromacy



Original Color

21.5040, -1.2390, 5.9370

Protanomaly

20.4110, -5.4110, 4.4530

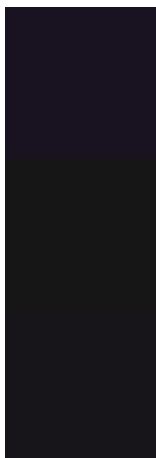
Deuteranomaly

20.7700, -5.0440, 3.3080

Tritanomaly

20.9940, 0.1370, 3.0250

Monochromacy



Original Color

21.5040, -1.2390, 5.9370

Achromatopsia

22.0000, -0.0000, -0.0000

Achromatomaly

22.1680, -0.4130, 1.9790

CSS Examples

Text

The CSS property to change the color of the text to YIQ 21.5040, -1.2390, 5.9370 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(24, 18, 33)` looks like.

```
.text, #text, p{  
    color:rgb(24, 18, 33)  
}
```

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(24, 18, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 18, 33) }
```

Border

The CSS property to change the border of an element to YIQ 21.5040, -1.2390, 5.9370 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(24, 18, 33) }
```


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

```
.border{ border-color:rgb(24, 18, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 18, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 18, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 18, 33);  
box-shadow:4px 4px 4px 4px rgb(24, 18, 33)  
}
```

Background

The CSS property to change the background color of an element to YIQ 21.5040, -1.2390, 5.9370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 18, 33) }
```

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

```
.background{ background-color: rgb(24, 18,  
33) }
```

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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