

Converting Colors

YIQ(72.9930, 19.0730, 1.2570)

Have a look what the booklet for
YIQ(72.9930, 19.0730, 1.2570)
contains.

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Color

**YIQ(72.9930, 19.0730,
1.2570)**

Conversions

Conversions Part 1

Format	Color
Hex	5C4336
RGB	92, 67, 54
RGB Percent	36%, 26%, 21%
CMY	0.6392, 0.7373, 0.7881
CMYK	0.00, 0.27, 0.41, 0.64
HSL	20°, 26%, 29%
HSV	20°, 41%, 36%
XYZ	7.0878, 6.5556, 4.3845
YIQ	72.9930, 19.0730, 1.2570

Conversions

Conversions Part 2

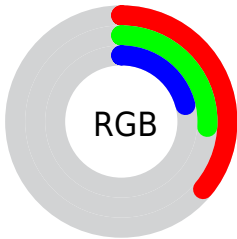
Format	Color
RYB	92, 74, 54
Decimal	6046518
CIELab	30.77, 8.85, 12.09
CIElCh	31, 14.983, 53.804
Yxy	6.5556, 0.3932, 0.3636
Android (android.graphics.Color)	4284236598 (0xFF5C4336)
YUV	72.9930, -9.3635, 16.6691
Hunter-Lab	25.6039, 4.6068, 7.7697

Details

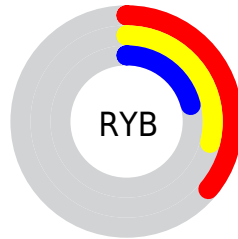
The YIQ color **72.9930, 19.0730, 1.2570** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **73.0070, -19.0730, -1.2570**, and the grayscale version is **73.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **121.7760, 21.1820, 1.5820**, and **28.6830, 17.0100, 0.0980** is the 20% darker color. If you saturate the color by 10%, you get **68.4450, 23.6120, 1.5960**, and if you desaturate by 10%, it is **77.5410, 14.5340, 0.9180**.

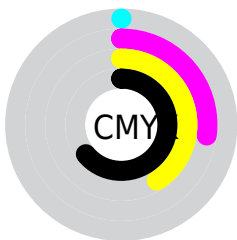
Distribution



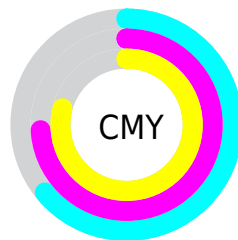
- Red (36%)
- Green (26%)
- Blue (21%)



- Red (36%)
- Yellow (29%)
- Blue (21%)



- Cyan (0%)
- Magenta (27%)
- Yellow (41%)
- Black (64%)



- Cyan (64%)
- Magenta (74%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 72.9930, 19.0730, 1.2570 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 72.9930, 19.0730, 1.2570 by changing the saturation by 10% instead.

■ 72.9930, 19.0730,
1.2570

■ 72.9930, 19.0730,
1.2570

■ 255.0000, -0.0000,
-0.0000

■ 50.5090, 17.5600,
1.1440

■ 121.7760, 21.1820,
1.5820

■ 28.6830, 17.0100,
0.0980

■ 147.9610, 22.0990,
1.4830

■ 6.8770, 13.7080,
4.8760

■ 174.5590, 23.2910,
1.9070

■ 0.0000, 0.0000,
0.0000

■ 201.7440, 24.2080,
1.8080

■ 230.0430, 24.8040,
2.0200

■ 250.2580, 7.8410,

-4.4390

■ 72.9930, 19.0730,
1.2570

■ 72.9930, 19.0730,
1.2570

■ 68.4450, 23.6120,
1.5960

■ 77.5410, 14.5340,
0.9180

■ 63.8970, 28.1510,
1.9350

■ 82.0890, 9.9950,
0.5790

■ 59.2350, 33.0110,
1.9630

■ 86.7510, 5.1350,
0.5510

■ 54.6870, 37.5500,
2.3020

■ 91.2990, 0.5960,
0.2120

■ 50.1390, 42.0890,
2.6410

■ 95.8470, -3.9430,
-0.1270

■ 45.7050, 46.3070,
3.2910

■ 100.3950, -8.4820,
-0.4660

■ 104.9430,
-13.0210, -0.8050

■ 109.6050,
-17.8810, -0.8330

■ 114.7400,
-22.6950, -1.6950

Harmonies

Analogous

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



73.5680, 19.0720, 6.7840



72.9930, 19.0730, 1.2570



72.0800, 14.2140, -4.2980

Triad

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



72.9930, 19.0730, 1.2570



67.8080, -17.3750, -10.0070



73.0350, -7.1080, 7.6760

Complementary

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



72.9930, 19.0730, 1.2570



73.0070, -19.0730, -1.2570

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.



70.4140, -18.6610, 2.2910



72.9930, 19.0730, 1.2570



66.6700, -25.6740, -8.2820

Square

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



72.9930, 19.0730, 1.2570



69.1530, -5.2250, -9.9370



67.5330, -26.5460, -3.4900



73.9610, 4.9040, 10.2480

Rectangle

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



72.9930, 19.0730, 1.2570



70.9760, 8.5750, -6.7290



67.5330, -26.5460, -3.4900



72.5290, -11.5550, 5.6690

Sweetspot

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



72.9930, 19.0730, 1.2570



112.4200, 7.5650, 0.5650



68.2120, 14.6230, 15.8310



57.1530, 3.9430, 0.1270



189.0000, -0.0000, -0.0000



61.0000, 0.0000, -0.0000

Same Dimension

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



72.9930, 19.0730, 1.2570



89.6800, 30.2600, 2.2600



84.1460, 13.8480, -8.6800



43.6690, 2.4300, 0.0140



54.6090, 55.3850, 3.9690



118.4100, 118.9770, 7.8810

Inverse Universe

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



73.0070, -19.0730, -1.2570



89.7330, -29.9850, -1.7370



61.8540, -13.8480, 8.6800



43.3310, -2.4300, -0.0140



54.8040, -55.1100, -3.4460



118.5900, -118.9770, -7.8810

Previews

White Background



This preview shows how the YIQ color 72.9930, 19.0730, 1.2570 looks on a white background.

Color Contrast Check

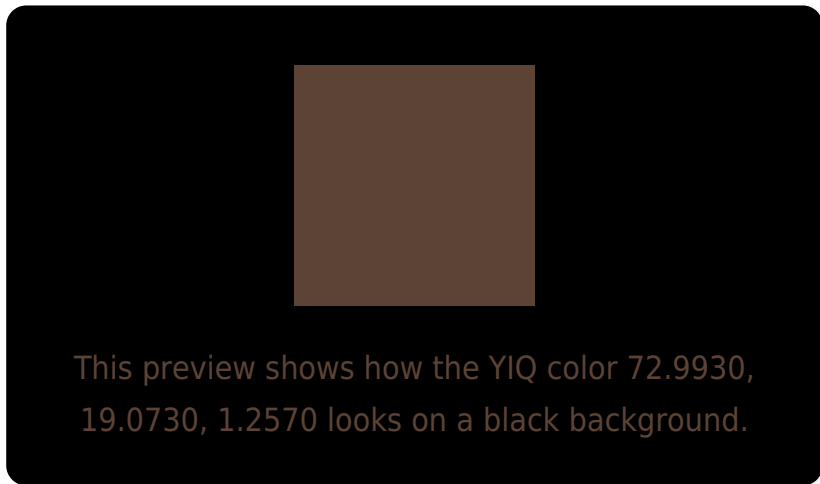
Large Text (above 18pt) WCAG AA ✓ Pass

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

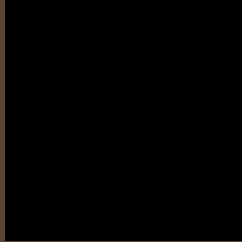
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 72.9930, 19.0730, 1.2570

Background



This preview shows how black text looks on a background with the YIQ color 72.9930, 19.0730, 1.2570.

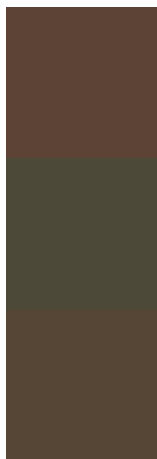


This preview shows how white text looks on a background with the YIQ color 72.9930, 19.0730,

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

72.9930, 19.0730, 1.2570

Protanopia

72.3720, 7.5200, -4.1280

Deuteranopia

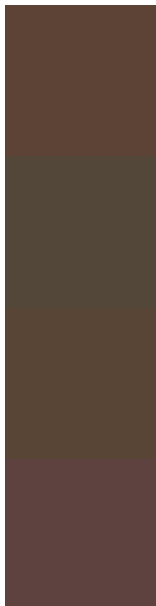
72.9600, 14.6720, -1.5840



Tritanopia

73.9420, 15.0830, 7.4910

Trichromacy



Original Color

72.9930, 19.0730, 1.2570

Protanomaly

72.5790, 11.3710, -2.3330

Deuteranomaly

72.9710, 16.1390, -0.6370

Tritanomaly

73.8450, 16.7340, 5.1020

Monochromacy



Original Color

72.9930, 19.0730, 1.2570

Achromatopsia

73.0000, -0.0000, -0.0000

Achromatomaly

73.1210, 6.9690, 0.3530

CSS Examples

Text

The CSS property to change the color of the text to YIQ 72.9930, 19.0730, 1.2570 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(92, 67, 54)` looks like.

```
.text, #text, p{  
    color:rgb(92, 67, 54)  
}
```

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(92, 67, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 67, 54) }
```

Border

The CSS property to change the border of an element to YIQ 72.9930, 19.0730, 1.2570 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(92, 67, 54) }
```


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

```
.border{ border-color:rgb(92, 67, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 67, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 67, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 67, 54);  
box-shadow:4px 4px 4px 4px rgb(92, 67, 54)  
}
```

Background

The CSS property to change the background color of an element to YIQ 72.9930, 19.0730, 1.2570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 67, 54) }
```

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

```
.background{ background-color: rgb(92, 67,  
54) }
```

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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