

Converting Colors

YIQ(133.0730, 24.1190,
-13.1050)

Have a look what the booklet for
YIQ(133.0730, 24.1190, -13.1050)
contains.

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Color

**YIQ(133.0730, 24.1190,
-13.1050)**

Conversions

Conversions Part 1

Format	Color
Hex	948754
RGB	148, 135, 84
RGB Percent	58%, 53%, 33%
CMY	0.4196, 0.4706, 0.6704
CMYK	0.00, 0.09, 0.43, 0.42
HSL	48°, 28%, 45%
HSV	48°, 43%, 58%
XYZ	22.4775, 24.2629, 11.8931
YIQ	133.0730, 24.1190, -13.1050

Conversions

Conversions Part 2

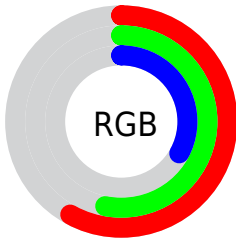
Format	Color
R_{YB}	100, 148, 84
Decimal	9733972
CIE _{Lab}	56.35, -2.65, 29.14
CIE _{LCh}	56, 29.258, 95.203
Yxy	24.2629, 0.3834, 0.4138
Android (android.graphics.Color)	4287924052 (0xFF948754)
YUV	133.0730, -24.1930, 13.0910
Hunter-Lab	49.2574, -4.7460, 20.1647

Details

The YIQ color **133.0730, 24.1190, -13.1050** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **98.9270, -24.1190, 13.1050**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.3290, 26.2740, -13.6140**, and **83.4040, 21.6890, -13.1190** is the 20% darker color. If you saturate the color by 10%, you get **129.6020, 29.7590, -16.2010**, and if you desaturate by 10%, it is **136.5440, 18.4790, -10.0090**.

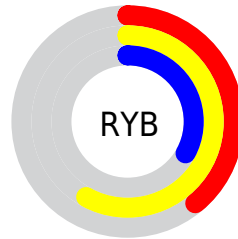
Distribution



Red (58%)

Green (53%)

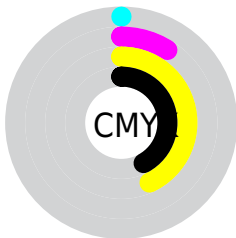
Blue (33%)



Red (39%)

Yellow (58%)

Blue (33%)

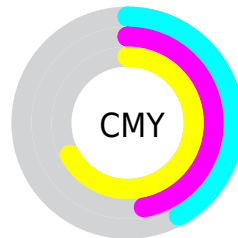


Cyan (0%)

Magenta (9%)

Yellow (43%)

Black (42%)



Cyan (42%)

Magenta (47%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 133.0730, 24.1190, -13.1050 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 133.0730, 24.1190, -13.1050 by changing the saturation by 10% instead.

■ 133.0730, 24.1190,
-13.1050

■ 133.0730, 24.1190,
-13.1050

■ 255.0000, -0.0000,
-0.0000

■ 107.8880, 23.2020,
-13.0060

■ 186.3290, 26.2740,
-13.6140

■ 83.4040, 21.6890,
-13.1190

■ 214.5140, 27.1910,
-13.7130

■ 59.3330, 20.4510,
-12.7090

■ 240.9050, 24.5320,
-15.0840

■ 38.4190, 17.3330,
-11.2670

■ 250.5540, 12.5190,
-12.1290

■ 19.2040, 7.9330,
-6.1070

■ 253.8600, 3.2100,
-3.1100

■ 0.0000, 0.0000,
0.0000

■ 133.0730, 24.1190,
-13.1050

■ 133.0730, 24.1190,
-13.1050

■ 129.6020, 29.7590,
-16.2010

■ 136.5440, 18.4790,
-10.0090

■ 126.1310, 35.3990,
-19.2970

■ 140.0150, 12.8390,
-6.9130

■ 122.7740, 40.7180,
-22.0820

■ 143.3720, 7.5200,
-4.1280

■ 119.3030, 46.3580,
-25.1780

■ 146.8430, 1.8800,
-1.0320

■ 115.8320, 51.9980,
-28.2740

■ 150.3140, -3.7600,
2.0640

■ 113.5180, 55.7580,
-30.3380

■ 153.7850, -9.4000,
5.1600

■ 157.2560,
-15.0400, 8.2560

■ 160.6130,

-20.3590, 11.0410

■ 164.0840,
-25.9990, 14.1370

Harmonies

Analogous

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



135.0520, 37.7800, -1.8680



133.0730, 24.1190, -13.1050



130.1350, 3.2130, -19.6910

Triad

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



133.0730, 24.1190, -13.1050



117.8310, -68.9080, -17.7080



138.8800, 18.7940, 22.8420

Complementary

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



133.0730, 24.1190, -13.1050



98.9270, -24.1190, 13.1050

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.



137.7830, -5.9180, 19.1540



133.0730, 24.1190, -13.1050



124.3090, -58.0900, -4.5060

Square

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



133.0730, 24.1190, -13.1050



120.9500, -50.4300, -22.1900



132.9150, -33.0130, 9.0910



138.1560, 35.3920, 19.3920

Rectangle

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



133.0730, 24.1190, -13.1050



127.8710, -13.6590, -22.2910



132.9150, -33.0130, 9.0910



138.4600, 11.2290, 22.2770

Sweetspot

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



133.0730, 24.1190, -13.1050



185.2150, 9.4000, -5.1600



104.7320, 33.6500, 17.9220



93.4150, 5.9610, -3.4070



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000

Same Dimension

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



133.0730, 24.1190, -13.1050



167.9740, 37.2790, -20.3290



135.3220, 9.8160, -23.7200



72.0280, 2.7970, -1.1310



105.8320, 51.9980, -28.2740



7.6860, 3.7600, -2.0640

Inverse Universe

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



98.9270, -24.1190, 13.1050



115.0260, -37.2790, 20.3290



96.6780, -9.8160, 23.7200



68.3850, -2.5220, 1.6540



32.1680, -51.9980, 28.2740



2.3140, -3.7600, 2.0640

Previews

White Background



This preview shows how the YIQ color 133.0730, 24.1190, -13.1050 looks on a white background.

Color Contrast Check

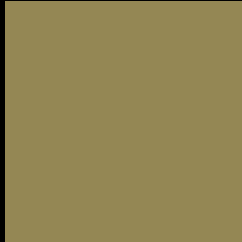
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 133.0730, 24.1190, -13.1050 looks on a black 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 × Fail

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

YIQ 133.0730, 24.1190, -13.1050

Background



This preview shows how black text looks on a background with the YIQ color 133.0730, 24.1190, -13.1050.



This preview shows how white text looks on a background with the YIQ color 133.0730, 24.1190,

-13.1050.

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

133.0730, 24.1190, -13.1050

Protanopia

132.7740, 23.5230, -13.3170

Deuteranopia

134.1500, 34.3880, -6.4760



Tritanopia

136.9140, 12.2860, 8.6220

Trichromacy



Original Color

133.0730, 24.1190, -13.1050

Protanomaly

132.7740, 23.5230, -13.3170

Deuteranomaly

133.8290, 30.8580, -8.5820

Tritanomaly

135.7970, 16.6890, 0.4090

Monochromacy



Original Color

133.0730, 24.1190, -13.1050

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

133.0300, 8.4830, -5.0610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 133.0730, 24.1190, -13.1050 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(148, 135, 84)` looks like.

```
.text, #text, p{  
    color:rgb(148, 135, 84)  
}
```

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(148, 135, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 135, 84) }
```

Border

The CSS property to change the border of an element to YIQ 133.0730, 24.1190, -13.1050 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(148, 135, 84) }
```


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

```
.border{ border-color:rgb(148, 135, 84) }
```

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

Here you see how a box with a 4 pixel rgb(148, 135, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 135, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 135, 84);  
box-shadow:4px 4px 4px 4px rgb(148, 135,  
84) }
```

Background

The CSS property to change the background color of an element to YIQ 133.0730, 24.1190, -13.1050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 135, 84) }
```

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

```
.background{ background-color: rgb(148,  
135, 84) }
```

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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