

Converting Colors

YIQ(71.0250, 24.0740, -17.7980)

Have a look what the booklet for
YIQ(71.0250, 24.0740, -17.7980)
contains.

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Color

**YIQ(71.0250, 24.0740,
-17.7980)**

Conversions

Conversions Part 1

Format	Color
Hex	534C0E
RGB	83, 76, 14
RGB Percent	33%, 30%, 5%
CMY	0.6745, 0.7020, 0.9449
CMYK	0.00, 0.08, 0.83, 0.67
HSL	54°, 71%, 19%
HSV	54°, 83%, 33%
XYZ	6.2305, 7.0390, 1.4470
YIQ	71.0250, 24.0740, -17.7980

Conversions

Conversions Part 2

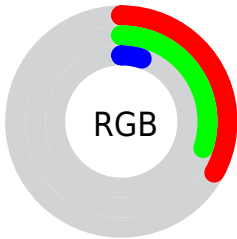
Format	Color
R_{YB}	22, 83, 14
Decimal	5458958
CIE Lab	31.90, -4.84, 35.20
CIE LCh	32, 35.536, 97.832
Yxy	7.0390, 0.4234, 0.4783
Android (android.graphics.Color)	4283649038 (0xFF534C0E)
YUV	71.0250, -28.1133, 10.5021
Hunter-Lab	26.5311, -4.5108, 15.3380

Details

The YIQ color **71.0250, 24.0740, -17.7980** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **25.9750, -24.0740, 17.7980**, and the grayscale version is **71.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **120.8080, 26.1830, -17.4730**, and **29.2490, 12.0600, -9.3160** is the 20% darker color. If you saturate the color by 10%, you get **69.5260, 26.9170, -19.7630**, and if you desaturate by 10%, it is **72.5240, 21.2310, -15.8330**.

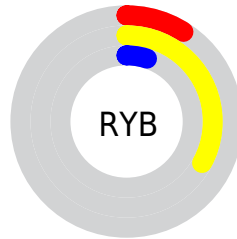
Distribution



Red (33%)

Green (30%)

Blue (5%)



Red (9%)

Yellow (33%)

Blue (5%)

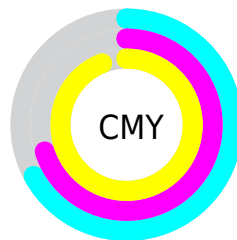


Cyan (0%)

Magenta (8%)

Yellow (83%)

Black (67%)



Cyan (67%)

Magenta (70%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 71.0250, 24.0740, -17.7980 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 71.0250, 24.0740, -17.7980 by changing the saturation by 10% instead.

71.0250, 24.0740,
-17.7980

71.0250, 24.0740,
-17.7980

254.2020, 2.2470,
-2.1770

48.7520, 20.5890,
-15.2110

120.8080, 26.1830,
-17.4730

29.2490, 12.0600,
-9.3160

146.2920, 27.6960,
-17.3600

5.8700, -2.7500,
-5.2300

173.3630, 28.9340,
-17.7700

0.0000, 0.0000,
0.0000

200.5480, 29.8510,
-17.8690

228.7330, 30.7680,
-17.9680

247.7040, 20.5440,

-19.9040

■ 250.8960, 11.5560,
-11.1960

■ 71.0250, 24.0740,
-17.7980

■ 71.0250, 24.0740,
-17.7980

■ 69.5260, 26.9170,
-19.7630

■ 72.5240, 21.2310,
-15.8330

■ 68.8420, 28.8430,
-21.6290

■ 74.1370, 18.0670,
-13.5570

■ 75.6360, 15.2240,
-11.5920

■ 76.5480, 12.6560,
-9.1040

■ 78.1610, 9.4920,
-6.8280

■ 79.6600, 6.6490,
-4.8630

■ 81.1590, 3.8060,
-2.8980

■ 82.6580, 0.9630,
-0.9330

■ 84.2710, -2.2010,
1.3430

Harmonies

Analogous

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



72.9440, 37.9640, -5.2040



71.0250, 24.0740, -17.7980



67.7600, -0.2250, -23.4650

Triad

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



71.0250, 24.0740, -17.7980



64.0820, -59.1890, -12.1250



76.2550, 22.2320, 26.6160

Complementary

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



71.0250, 24.0740, -17.7980



25.9750, -24.0740, 17.7980

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.



77.4350, -4.8180, 21.2460



71.0250, 24.0740, -17.7980



63.6720, -63.5460, -4.7460

Square

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



71.0250, 24.0740, -17.7980



61.5910, -50.7970, -21.0450



68.4020, -44.7500, 7.0420



74.3030, 39.4720, 22.5440

Rectangle

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



71.0250, 24.0740, -17.7980



62.9730, -22.8740, -25.9940



68.4020, -44.7500, 7.0420



77.4220, 14.3920, 25.5280

Sweetspot

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



71.0250, 24.0740, -17.7980



102.1610, 9.4920, -6.8280



35.5430, 38.5560, 17.1160



50.8880, 6.0070, -4.2410



181.0000, -0.0000, 0.0000



54.0000, -0.0000, 0.0000

Same Dimension

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



71.0250, 24.0740, -17.7980



88.3450, 37.3720, -27.5240



67.3600, 6.6530, -26.9710



39.9570, 1.5590, -0.7210



86.5730, 36.7300, -26.9020



192.0510, 80.7970, -60.1230

Inverse Universe

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



25.9750, -24.0740, 17.7980



18.6550, -37.3720, 27.5240



29.6400, -6.6530, 26.9710



37.4560, -1.2840, 1.2440



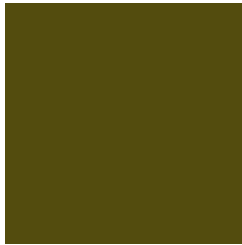
18.4270, -36.7300, 26.9020



40.5360, -81.0720, 59.6000

Previews

White Background



This preview shows how the YIQ color 71.0250, 24.0740, -17.7980 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



This preview shows how the YIQ color 71.0250, 24.0740, -17.7980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

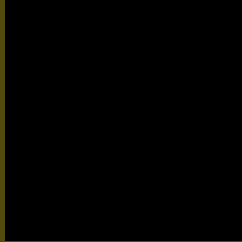
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 71.0250, 24.0740, -17.7980

Background



This preview shows how black text looks on a background with the YIQ color 71.0250, 24.0740, -17.7980.



This preview shows how white text looks on a background with the YIQ color 71.0250, 24.0740,

-17.7980.

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

71.0250, 24.0740, -17.7980

Protanopia

71.0360, 25.5410, -16.8510

Deuteranopia

72.0200, 31.6380, -11.7060



Tritanopia

76.3540, 7.9310, 4.9470

Trichromacy



Original Color

71.0250, 24.0740, -17.7980

Protanomaly

70.7370, 24.9450, -17.0630

Deuteranomaly

71.8840, 29.0250, -13.9110

Tritanomaly

74.6070, 14.1680, -3.4640

Monochromacy



Original Color

71.0250, 24.0740, -17.7980

Achromatopsia

71.0000, -0.0000, -0.0000

Achromatomaly

70.9760, 8.5750, -6.7290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 71.0250, 24.0740, -17.7980 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(83, 76, 14)` looks like.

```
.text, #text, p{  
    color:rgb(83, 76, 14)  
}
```

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(83, 76, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 76, 14) }
```

Border

The CSS property to change the border of an element to YIQ 71.0250, 24.0740, -17.7980 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(83, 76, 14) }
```


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

```
.border{ border-color:rgb(83, 76, 14) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 76, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 76, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 76, 14);  
box-shadow:4px 4px 4px 4px rgb(83, 76, 14)  
}
```

Background

The CSS property to change the background color of an element to YIQ 71.0250, 24.0740, -17.7980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 76, 14) }
```

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

```
.background{ background-color: rgb(83, 76,  
14) }
```

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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