

Converting Colors

YIQ(69.0250, 24.0740, -17.7980)

Have a look what the booklet for
YIQ(69.0250, 24.0740, -17.7980)
contains.

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Color

**YIQ(69.0250, 24.0740,
-17.7980)**

Conversions

Conversions Part 1

Format	Color
Hex	514A0C
RGB	81, 74, 12
RGB Percent	32%, 29%, 5%
CMY	0.6824, 0.7098, 0.9528
CMYK	0.00, 0.09, 0.85, 0.68
HSL	54°, 74%, 18%
HSV	54°, 85%, 32%
XYZ	5.9080, 6.6729, 1.3256
YIQ	69.0250, 24.0740, -17.7980

Conversions

Conversions Part 2

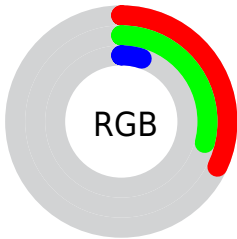
Format	Color
RYB	20, 81, 12
Decimal	5327372
CIELab	31.05, -4.74, 35.11
CIELCh	31, 35.430, 97.687
Yxy	6.6729, 0.4248, 0.4798
Android (android.graphics.Color)	4283517452 (0xFF514A0C)
YUV	69.0250, -28.1133, 10.5021
Hunter-Lab	25.8319, -4.3810, 15.0397

Details

The YIQ color **69.0250, 24.0740, -17.7980** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **23.9750, -24.0740, 17.7980**, and the grayscale version is **69.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **118.2210, 26.4580, -16.9500**, and **28.0640, 11.1430, -9.2170** is the 20% darker color. If you saturate the color by 10%, you get **67.5260, 26.9170, -19.7630**, and if you desaturate by 10%, it is **70.5240, 21.2310, -15.8330**.

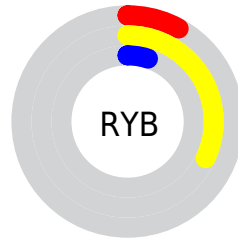
Distribution



Red (32%)

Green (29%)

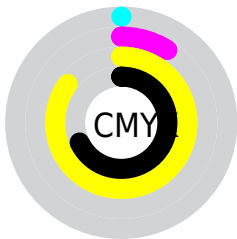
Blue (5%)



Red (8%)

Yellow (32%)

Blue (5%)

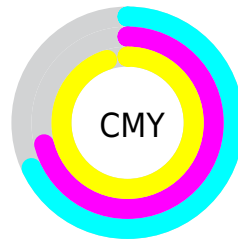


Cyan (0%)

Magenta (9%)

Yellow (85%)

Black (68%)



Cyan (68%)

Magenta (71%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 69.0250, 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 69.0250, 24.0740, -17.7980 by changing the saturation by 10% instead.

69.0250, 24.0740,
-17.7980

69.0250, 24.0740,
-17.7980

253.9740, 2.8890,
-2.7990

47.5670, 19.6720,
-15.1120

118.2210, 26.4580,
-16.9500

28.0640, 11.1430,
-9.2170

144.2920, 27.6960,
-17.3600

4.1090, -1.9250,
-3.6610

171.3630, 28.9340,
-17.7700

0.0000, 0.0000,
0.0000

198.5480, 29.8510,
-17.8690

226.7330, 30.7680,
-17.9680

247.4760, 21.1860,

-20.5260

■ 250.6680, 12.1980,
-11.8180

■ 69.0250, 24.0740,
-17.7980

■ 69.0250, 24.0740,
-17.7980

■ 67.5260, 26.9170,
-19.7630

■ 70.5240, 21.2310,
-15.8330

■ 67.0700, 28.2010,
-21.0070

■ 72.0230, 18.3880,
-13.8680

■ 72.9350, 15.8200,
-11.3800

■ 74.4340, 12.9770,
-9.4150

■ 76.0470, 9.8130,
-7.1390

■ 77.5460, 6.9700,
-5.1740

■ 79.0450, 4.1270,
-3.2090

■ 80.5440, 1.2840,
-1.2440

■ 81.4560, -1.2840,
1.2440

Harmonies

Analogous

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



70.9440, 37.9640, -5.2040



69.0250, 24.0740, -17.7980



66.0590, 0.3710, -23.2530

Triad

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



69.0250, 24.0740, -17.7980



62.5660, -57.6760, -12.0120



74.2550, 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.



69.0250, 24.0740, -17.7980



23.9750, -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.



75.4350, -4.8180, 21.2460



69.0250, 24.0740, -17.7980



62.2700, -62.3540, -4.3220

Square

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



69.0250, 24.0740, -17.7980



59.6020, -49.3300, -20.0980



66.1030, -45.3460, 6.8300



72.0040, 38.8760, 22.3320

Rectangle

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



69.0250, 24.0740, -17.7980



60.9730, -22.8740, -25.9940



66.1030, -45.3460, 6.8300



75.4220, 14.3920, 25.5280

Sweetspot

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



69.0250, 24.0740, -17.7980



100.0470, 9.8130, -7.1390



33.5430, 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.



69.0250, 24.0740, -17.7980



86.5730, 36.7300, -26.9020



65.3600, 6.6530, -26.9710



39.9570, 1.5590, -0.7210



192.0510, 80.7970, -60.1230

Inverse Universe

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



23.9750, -24.0740, 17.7980



18.4270, -36.7300, 26.9020



27.6400, -6.6530, 26.9710



37.4560, -1.2840, 1.2440



40.5360, -81.0720, 59.6000

Previews

White Background



This preview shows how the YIQ color 69.0250, 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 69.0250, 24.0740, -17.7980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

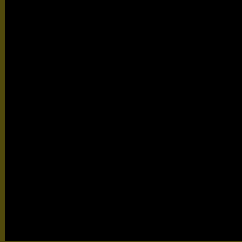
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 69.0250, 24.0740, -17.7980

Background



This preview shows how black text looks on a background with the YIQ color 69.0250, 24.0740, -17.7980.



This preview shows how white text looks on a background with the YIQ color 69.0250, 24.0740, -17.7980.

-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

69.0250, 24.0740, -17.7980

Protanopia

69.0360, 25.5410, -16.8510

Deuteranopia

69.7210, 31.0420, -11.9180



Tritanopia

74.3540, 7.9310, 4.9470

Trichromacy



Original Color

69.0250, 24.0740, -17.7980

Protanomaly

68.7370, 24.9450, -17.0630

Deuteranomaly

69.5850, 28.4290, -14.1230

Tritanomaly

72.6070, 14.1680, -3.4640

Monochromacy



Original Color

69.0250, 24.0740, -17.7980

Achromatopsia

69.0000, -0.0000, -0.0000

Achromatomaly

68.9760, 8.5750, -6.7290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 69.0250, 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(81, 74, 12)` looks like.

```
.text, #text, p{  
    color:rgb(81, 74, 12)  
}
```

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(81, 74, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 74, 12) }
```

Border

The CSS property to change the border of an element to YIQ 69.0250, 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(81, 74, 12) }
```

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

```
.border{ border-color:rgb(81, 74, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 74, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 74, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 74, 12);  
box-shadow:4px 4px 4px 4px rgb(81, 74, 12)  
}
```

Background

The CSS property to change the background color of an element to YIQ 69.0250, 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(81, 74, 12) }
```

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

```
.background{ background-color: rgb(81, 74,  
12) }
```

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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