

Converting Colors

YIQ(72.8520, 5.6880, -14.9840)

Have a look what the booklet for
YIQ(72.8520, 5.6880, -14.9840)
contains.

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Color

**YIQ(72.8520, 5.6880,
-14.9840)**

Conversions

Conversions Part 1

Format	Color
Hex	455129
RGB	69, 81, 41
RGB Percent	27%, 32%, 16%
CMY	0.7295, 0.6823, 0.8392
CMYK	0.15, 0.00, 0.49, 0.68
HSL	78°, 33%, 24%
HSV	78°, 49%, 32%
XYZ	5.7966, 7.3105, 3.2046
YIQ	72.8520, 5.6880, -14.9840

Conversions

Conversions Part 2

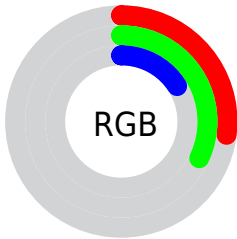
Format	Color
R_{YB}	41, 81, 53
Decimal	4542761
CIE _{Lab}	32.50, -12.26, 21.88
CIE _{LCh}	33, 25.077, 119.261
Yxy	7.3105, 0.3554, 0.4482
Android (android.graphics.Color)	4282732841 (0xFF455129)
YUV	72.8520, -15.7030, -3.3782
Hunter-Lab	27.0379, -9.0485, 11.8993

Details

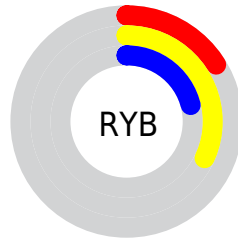
The YIQ color **72.8520, 5.6880, -14.9840** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **49.1480, -5.6880, 14.9840**, and the grayscale version is **73.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **121.5100, 6.6510, -15.9170**, and **28.9060, 5.5960, -13.3160** is the 20% darker color. If you saturate the color by 10%, you get **71.3420, 7.0640, -17.8960**, and if you desaturate by 10%, it is **74.3620, 4.3120, -12.0720**.

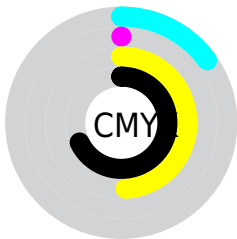
Distribution



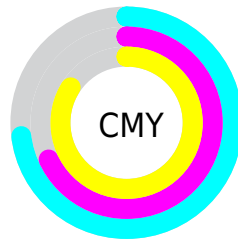
- Red (27%)
- Green (32%)
- Blue (16%)



- Red (16%)
- Yellow (32%)
- Blue (21%)



- Cyan (15%)
- Magenta (0%)
- Yellow (49%)
- Black (68%)



- Cyan (73%)
- Magenta (68%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 72.8520, 5.6880, -14.9840 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 72.8520, 5.6880, -14.9840 by changing the saturation by 10% instead.

■ 72.8520, 5.6880,
-14.9840

■ 72.8520, 5.6880,
-14.9840

■ 255.0000, -0.0000,
-0.0000

■ 50.0800, 5.0460,
-14.3620

■ 121.5100, 6.6510,
-15.9170

■ 28.9060, 5.5960,
-13.3160

■ 147.3960, 6.9720,
-16.2280

■ 9.3920, -4.4000,
-8.3680

■ 174.1680, 7.6140,
-16.8500

■ 0.0000, 0.0000,
0.0000

■ 201.7550, 7.3390,
-17.3730

■ 229.6410, 7.6600,
-17.6840

■ 250.8960, 11.5560,

-11.1960

254.2020, 2.2470,
-2.1770

72.8520, 5.6880,
-14.9840

72.8520, 5.6880,
-14.9840

71.3420, 7.0640,
-17.8960

74.3620, 4.3120,
-12.0720

69.5330, 7.8440,
-21.0200

76.1710, 3.5320,
-8.9480

68.0230, 9.2200,
-23.9320

77.6810, 2.1560,
-6.0360

66.2140, 10.0000,
-27.0560

79.4900, 1.3760,
-2.9120

64.7040, 11.3760,
-29.9680

81.1140, -0.3210,
0.3110

■ 64.5900, 11.6970,
-30.2790

■ 82.9230, -1.1010,
3.4350

■ 84.4330, -2.4770,
6.3470

■ 85.9430, -3.8530,
9.2590

■ 87.7520, -4.6330,
12.3830

Harmonies

Analogous

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



74.7400, 20.8630, -9.1610



72.8520, 5.6880, -14.9840



69.7340, -14.5310, -17.4990

Triad

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



72.8520, 5.6880, -14.9840



61.8480, -58.4100, -9.7220



77.8990, 25.8100, 16.8340

Complementary

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



72.8520, 5.6880, -14.9840



49.1480, -5.6880, 14.9840

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.



78.8250, 11.4590, 18.1070



72.8520, 5.6880, -14.9840



72.4540, -33.3330, 3.8750

Square

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



72.8520, 5.6880, -14.9840



61.3120, -54.1450, -15.4330



77.3540, -9.2640, 13.7120



76.7930, 31.6800, 9.5680

Rectangle

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



72.8520, 5.6880, -14.9840



65.1110, -31.7700, -18.9540



77.3540, -9.2640, 13.7120



78.2730, 21.8210, 17.5410

Sweetspot

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



72.8520, 5.6880, -14.9840



101.6810, 2.1560, -6.0360



60.0040, 20.5400, 2.2040



51.9630, 1.4220, -3.7460



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.



72.8520, 5.6880, -14.9840



92.2510, 8.5780, -23.3100



66.8720, -6.2320, -19.2240



40.2450, 0.6880, -1.4560



83.4620, 14.6330, -39.4390



184.6220, 32.7520, -86.9920

Inverse Universe

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



49.1480, -5.6880, 14.9840



55.4500, -9.1740, 23.0980



55.1280, 6.2320, 19.2240



37.7550, -0.6880, 1.4560



21.2390, -15.2290, 39.2270



47.3780, -32.7520, 86.9920

Previews

White Background



This preview shows how the YIQ color 72.8520, 5.6880, -14.9840 looks on a white background.

Color Contrast Check

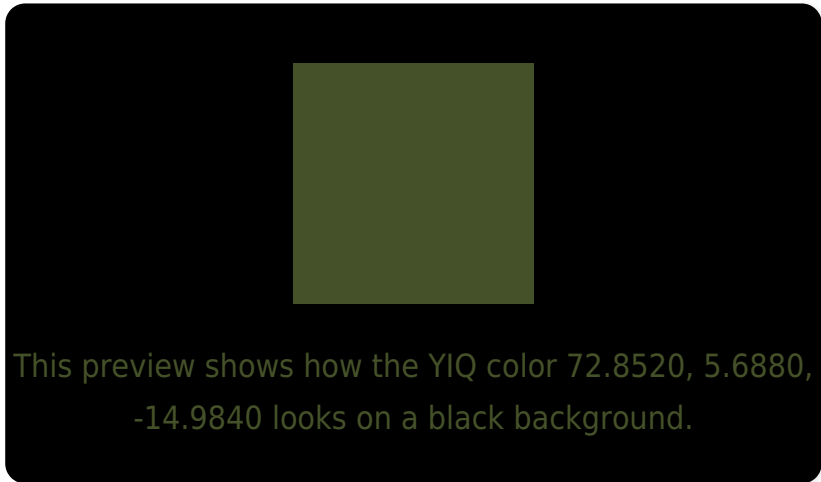
Large Text (above 18pt) WCAG AA ✓ Pass

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

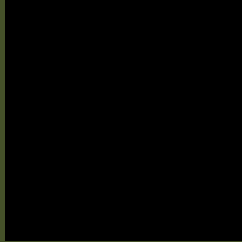
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 72.8520, 5.6880, -14.9840

Background



This preview shows how black text looks on a background with the YIQ color 72.8520, 5.6880, -14.9840.



This preview shows how white text looks on a background with the YIQ color 72.8520, 5.6880,

-14.9840.

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

72.8520, 5.6880, -14.9840

Protanopia

74.1740, 16.6450, -9.8110

Deuteranopia

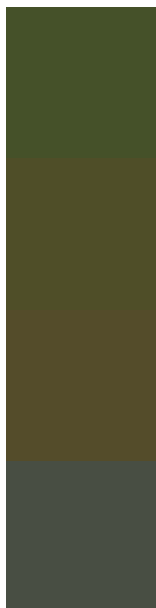
75.5600, 21.5500, -5.0900



Tritanopia

76.0860, -3.1180, 1.4420

Trichromacy



Original Color

72.8520, 5.6880, -14.9840

Protanomaly

73.9670, 12.7940, -11.6060

Deuteranomaly

74.5160, 15.6820, -8.8780

Tritanomaly

74.9520, -0.0450, -4.6930

Monochromacy



Original Color

72.8520, 5.6880, -14.9840

Achromatopsia

73.0000, -0.0000, -0.0000

Achromatomaly

73.0940, 2.4310, -5.5130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 72.8520, 5.6880, -14.9840 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(69, 81, 41)` looks like.

```
.text, #text, p{  
    color:rgb(69, 81, 41)  
}
```

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(69, 81, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 81, 41) }
```

Border

The CSS property to change the border of an element to YIQ 72.8520, 5.6880, -14.9840 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(69, 81, 41) }
```


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

```
.border{ border-color:rgb(69, 81, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 81, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 81, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 81, 41);  
box-shadow:4px 4px 4px 4px rgb(69, 81, 41)  
}
```

Background

The CSS property to change the background color of an element to YIQ 72.8520, 5.6880, -14.9840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 81, 41) }
```

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

```
.background{ background-color: rgb(69, 81,  
41) }
```

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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