

Converting Colors

YIQ(72.2960, -12.5170, 1.0750)

Have a look what the booklet for
YIQ(72.2960, -12.5170, 1.0750)
contains.

YIQ(72.2960, -12.5170, 1.0750)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(72.2960, -12.5170,
1.0750)**

Conversions

Conversions Part 1

Format	Color
Hex	3D4B58
RGB	61, 75, 88
RGB Percent	24%, 29%, 35%
CMY	0.7608, 0.7059, 0.6550
CMYK	0.31, 0.15, 0.00, 0.65
HSL	209°, 18%, 29%
HSV	209°, 31%, 35%
XYZ	6.2014, 6.7292, 10.2012
YIQ	72.2960, -12.5170, 1.0750

Conversions

Conversions Part 2

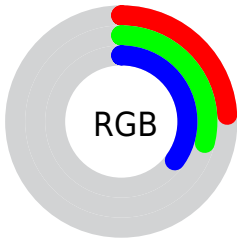
Format	Color
RYB	61, 70, 88
Decimal	4016984
CIELab	31.18, -2.08, -9.49
CIElCh	31, 9.714, 257.618
Yxy	6.7292, 0.2681, 0.2909
Android (android.graphics.Color)	4282207064 (0xFF3D4B58)
YUV	72.2960, 7.7421, -9.9066
Hunter-Lab	25.9407, -2.7240, -5.1575

Details

The YIQ color **72.2960, -12.5170, 1.0750** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **76.7040, 12.5170, -1.0750**, and the grayscale version is **72.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **121.1110, -13.4340, 1.1740**, and **28.1820, -12.1960, 0.7640** is the 20% darker color. If you saturate the color by 10%, you get **67.2570, -16.7810, 1.2590**, and if you desaturate by 10%, it is **77.3350, -8.2530, 0.8910**.

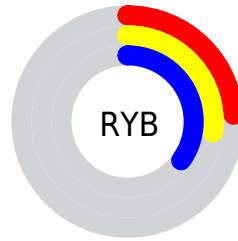
Distribution



Red (24%)

Green (29%)

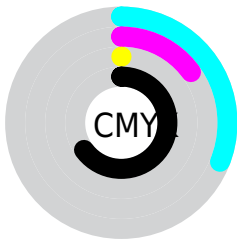
Blue (35%)



Red (24%)

Yellow (27%)

Blue (35%)

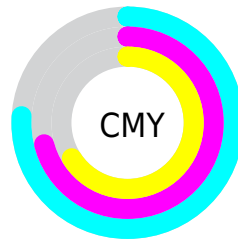


Cyan (31%)

Magenta (15%)

Yellow (0%)

Black (65%)



Cyan (76%)

Magenta (71%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 72.2960, -12.5170, 1.0750 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 72.2960, -12.5170, 1.0750 by changing the saturation by 10% instead.

■ 72.2960, -12.5170,
1.0750

■ 72.2960, -12.5170,
1.0750

■ 255.0000, -0.0000,
-0.0000

■ 49.5950, -11.9210,
1.2870

■ 121.1110,
-13.4340, 1.1740

■ 28.1820, -12.1960,
0.7640

■ 146.5240,
-13.1590, 1.6970

■ 6.6170, -8.9870,
3.1810

■ 173.2250,
-13.7550, 1.4850

■ 0.0000, 0.0000,
0.0000

■ 200.9260,
-14.3510, 1.2730

■ 229.0400,
-14.6720, 1.5840

■ 252.0100, -5.9600,

-2.1200

■ 72.2960, -12.5170,
1.0750

■ 72.2960, -12.5170,
1.0750

■ 67.2570, -16.7810,
1.2590

■ 77.3350, -8.2530,
0.8910

■ 62.2180, -21.0450,
1.4430

■ 82.3740, -3.9890,
0.7070

■ 56.8910, -24.4380,
2.3620

■ 87.7010, -0.5960,
-0.2120

■ 51.8520, -28.7020,
2.5460

■ 92.7400, 3.6680,
-0.3960

■ 46.8130, -32.9660,
2.7300

■ 97.7790, 7.9320,
-0.5800

■ 41.7740, -37.2300,
2.9140

■ 102.8180, 12.1960,
-0.7640

■ 37.0340, -40.8980,
3.3100

■ 108.4440, 16.1850,
-1.4710

■ 113.1840, 19.8530,
-1.8670

■ 118.2230, 24.1170,
-2.0510

Harmonies

Analogous

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



70.9210, -15.9550, -2.6990



72.2960, -12.5170, 1.0750



74.1120, -6.0070, 4.2410

Triad

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



72.2960, -12.5170, 1.0750



74.3930, 12.1950, 4.7630



71.5280, -1.7870, -6.1630

Complementary

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



72.2960, -12.5170, 1.0750



76.7040, 12.5170, -1.0750

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.



72.5890, 5.4110, -4.4530



72.2960, -12.5170, 1.0750



74.4700, 13.2960, 1.3280

Square

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



72.2960, -12.5170, 1.0750



74.7070, 8.4350, 6.8270



73.5080, 10.1330, -1.9230



71.1080, -9.3520, -6.7280

Rectangle

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



72.2960, -12.5170, 1.0750



74.3900, -0.9180, 5.6260



73.5080, 10.1330, -1.9230



72.1970, 0.6430, -6.1490

Sweetspot

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



72.2960, -12.5170, 1.0750



108.7760, -5.1810, 0.2830



78.3310, -11.5980, -10.0780



55.1460, -3.3470, 0.0850



186.0000, -0.0000, -0.0000



59.0000, 0.0000, -0.0000

Same Dimension

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



72.2960, -12.5170, 1.0750



89.8160, -19.8530, 1.8670



64.6650, -8.9420, 7.8740



40.6300, -1.8340, 0.1980



45.0700, -49.7470, 3.9890



98.4040, -108.9850, 9.2790

Inverse Universe

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



70.6690, 11.5980, 10.0780



87.3650, 18.5660, 15.9580



84.3350, 8.9420, -7.8740



40.4240, 1.7420, 1.4700



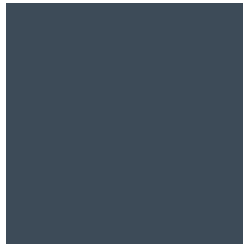
38.3770, 45.7960, 40.1000



84.1730, 100.8980, 87.7620

Previews

White Background



This preview shows how the YIQ color 72.2960, -12.5170, 1.0750 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

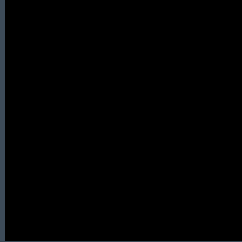
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 72.2960, -12.5170, 1.0750

Background



This preview shows how black text looks on a background with the YIQ color 72.2960, -12.5170, 1.0750.



This preview shows how white text looks on a background with the YIQ color 72.2960, -12.5170,

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

72.2960, -12.5170, 1.0750

Protanopia

73.5850, -5.9610, 3.4070

Deuteranopia

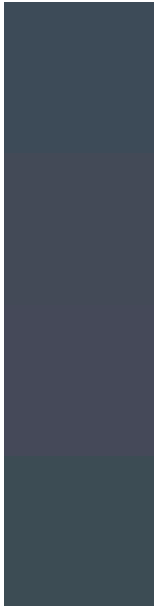
74.2370, -4.8610, 5.4990



Tritanopia

71.9000, -11.4620, -1.5260

Trichromacy



Original Color

72.2960, -12.5170, 1.0750

Protanomaly

73.3890, -8.3450, 2.5590

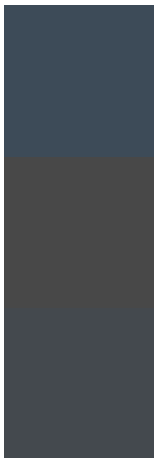
Deuteranomaly

73.6280, -7.5200, 4.1280

Tritanomaly

72.1280, -12.1040, -0.9040

Monochromacy



Original Color

72.2960, -12.5170, 1.0750

Achromatopsia

72.0000, -0.0000, 0.0000

Achromatomaly

72.0750, -4.5850, 0.4950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 72.2960, -12.5170, 1.0750 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(61, 75, 88)` looks like.

```
.text, #text, p{  
    color:rgb(61, 75, 88)  
}
```

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(61, 75, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 75, 88) }
```

Border

The CSS property to change the border of an element to YIQ 72.2960, -12.5170, 1.0750 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(61, 75, 88) }
```


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

```
.border{ border-color:rgb(61, 75, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 75, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 75, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 75, 88);  
box-shadow:4px 4px 4px 4px rgb(61, 75, 88)  
}
```

Background

The CSS property to change the background color of an element to YIQ 72.2960, -12.5170, 1.0750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 75, 88) }
```

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

```
.background{ background-color: rgb(61, 75,  
88) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor