

Converting Colors

YIQ(72.2790, -14.9880,
-25.7400)

Have a look what the booklet for
YIQ(72.2790, -14.9880, -25.7400)
contains.

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Color

**YIQ(72.2790, -14.9880,
-25.7400)**

Conversions

Conversions Part 1

Format	Color
Hex	2A5D2D
RGB	42, 93, 45
RGB Percent	16%, 36%, 18%
CMY	0.8354, 0.6352, 0.8235
CMYK	0.55, 0.00, 0.52, 0.64
HSL	124°, 38%, 26%
HSV	124°, 55%, 36%
XYZ	5.3430, 8.5133, 3.8437
YIQ	72.2790, -14.9880, -25.7400

Conversions

Conversions Part 2

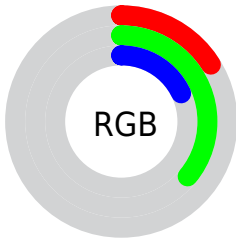
Format	Color
R_{YB}	42, 90, 93
Decimal	2776365
CIE _{Lab}	35.03, -28.42, 22.37
CIE _{LCh}	35, 36.169, 141.787
Yxy	8.5133, 0.3019, 0.4810
Android (android.graphics.Color)	4280966445 (0xFF2A5D2D)
YUV	72.2790, -13.4485, -26.5547
Hunter-Lab	29.1775, -18.3735, 12.6138

Details

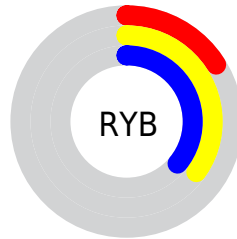
The YIQ color **72.2790, -14.9880, -25.7400** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **62.7210, 14.9880, 25.7400**, and the grayscale version is **72.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **122.5240, -14.3000, -27.1960**, and **27.0020, -12.6500, -24.0580** is the 20% darker color. If you saturate the color by 10%, you get **68.5620, -17.4630, -30.4470**, and if you desaturate by 10%, it is **75.9960, -12.5130, -21.0330**.

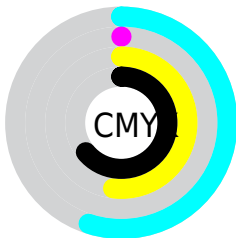
Distribution



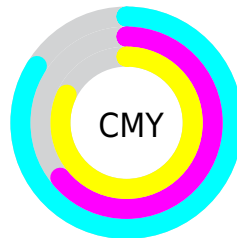
- Red (16%)
- Green (36%)
- Blue (18%)



- Red (16%)
- Yellow (35%)
- Blue (36%)



- Cyan (55%)
- Magenta (0%)
- Yellow (52%)
- Black (64%)



- Cyan (84%)
- Magenta (64%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 72.2790, -14.9880, -25.7400 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 72.2790, -14.9880, -25.7400 by changing the saturation by 10% instead.

■ 72.2790, -14.9880,
-25.7400

■ 72.2790, -14.9880,
-25.7400

■ 255.0000, -0.0000,
-0.0000

■ 47.6100, -17.4180,
-25.7540

■ 122.5240,
-14.3000, -27.1960

■ 27.0020, -12.6500,
-24.0580

■ 148.9970,
-14.2540, -28.0300

■ 15.2620, -7.1500,
-13.5980

■ 175.4700,
-14.2080, -28.8640

■ 0.0000, 0.0000,
0.0000

■ 203.0570,
-14.4830, -29.3870

■ 231.5300,
-14.4370, -30.2210

■ 243.5070, -6.4620,

-15.0540

254.7720, 0.6420,
-0.6220

■ 72.2790, -14.9880,
-25.7400

■ 72.2790, -14.9880,
-25.7400

■ 68.5620, -17.4630,
-30.4470

■ 75.9960, -12.5130,
-21.0330

■ 64.5460, -20.5340,
-35.3660

■ 79.8980, -9.1210,
-16.4250

■ 60.9430, -23.3300,
-39.7620

■ 83.6150, -6.6460,
-11.7180

■ 57.2260, -25.8050,
-44.4690

■ 87.3320, -4.1710,
-7.0110

■ 55.2750, -27.5010,
-46.7730

■ 91.0490, -1.6960,
-2.3040

■ 94.9510, 1.6960,
2.3040

■ 98.6680, 4.1710,
7.0110

■ 102.3850, 6.6460,
11.7180

■ 106.4010, 9.7170,
16.6370

Harmonies

Analogous

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



77.2410, 14.5380, -21.1900



72.2790, -14.9880, -25.7400



64.6740, -49.8330, -27.5050

Triad

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



72.2790, -14.9880, -25.7400



67.5020, -68.8190, -2.7950



81.5930, 44.2870, 17.8790

Complementary

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



72.2790, -14.9880, -25.7400



62.7210, 14.9880, 25.7400

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.



83.1160, 32.8690, 26.5730



72.2790, -14.9880, -25.7400



82.2200, -23.3860, 16.3420

Square

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



72.2790, -14.9880, -25.7400



69.6560, -66.6170, -9.6650



85.0840, 9.5320, 25.5000



81.0360, 43.8770, 3.2770

Rectangle

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



72.2790, -14.9880, -25.7400



67.5410, -56.5280, -21.8080



85.0840, 9.5320, 25.5000



81.4450, 41.9480, 21.7240

Sweetspot

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



72.2790, -14.9880, -25.7400



112.2670, -5.5460, -9.6260



86.2890, 14.5830, -16.4970



56.4570, -3.0250, -5.7530



189.0000, -0.0000, -0.0000



61.0000, 0.0000, -0.0000

Same Dimension

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



72.2790, -14.9880, -25.7400



87.8290, -23.0090, -40.0730



75.1290, -23.0130, -17.9650



44.0490, -1.6960, -2.3040



65.3680, -32.4970, -55.3530



140.7150, -69.6690, -119.5970

Inverse Universe

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



62.7210, 14.9880, 25.7400



73.0570, 23.3300, 39.7620



59.8710, 23.0130, 17.9650



43.0650, 1.3750, 2.6150



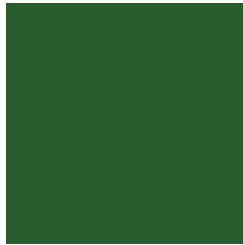
44.6320, 32.4970, 55.3530



96.2850, 69.6690, 119.5970

Previews

White Background



This preview shows how the YIQ color 72.2790, -14.9880, -25.7400 looks on a white background.

Color Contrast Check

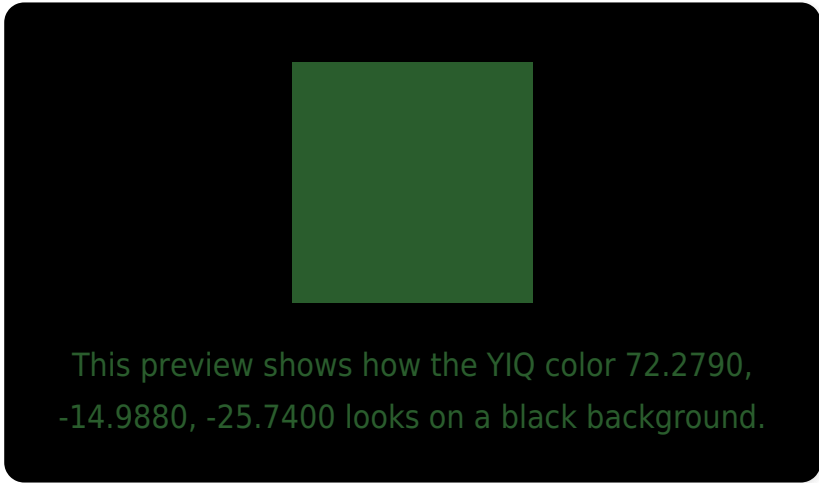
Large Text (above 18pt) WCAG AA ✓ Pass

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

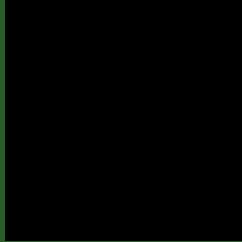
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 72.2790, -14.9880, -25.7400

Background



This preview shows how black text looks on a background with the YIQ color 72.2790, -14.9880, -25.7400.



This preview shows how white text looks on a background with the YIQ color 72.2790, -14.9880,

-25.7400.

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

72.2790, -14.9880, -25.7400

Protanopia

80.0170, 18.5250, -10.8430

Deuteranopia

81.2720, 22.4210, -4.3550



Tritanopia

78.6320, -22.5110, -5.0310

Trichromacy



Original Color

72.2790, -14.9880, -25.7400

Protanomaly

77.0970, 6.3760, -16.4400

Deuteranomaly

77.8140, 8.8510, -11.7330

Tritanomaly

76.5580, -19.6670, -12.5230

Monochromacy



Original Color

72.2790, -14.9880, -25.7400

Achromatopsia

72.0000, -0.0000, 0.0000

Achromatomaly

72.2670, -5.5460, -9.6260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 72.2790, -14.9880, -25.7400 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(42, 93, 45)` looks like.

```
.text, #text, p{  
    color:rgb(42, 93, 45)  
}
```

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(42, 93, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 93, 45) }
```

Border

The CSS property to change the border of an element to YIQ 72.2790, -14.9880, -25.7400 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(42, 93, 45) }
```


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

```
.border{ border-color:rgb(42, 93, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 93, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 93, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 93, 45);  
box-shadow:4px 4px 4px 4px rgb(42, 93, 45)  
}
```

Background

The CSS property to change the background color of an element to YIQ 72.2790, -14.9880, -25.7400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 93, 45) }
```

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

```
.background{ background-color: rgb(42, 93,  
45) }
```

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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