

Converting Colors

YIQ(48.5790, -6.9650, -22.4610)

Have a look what the booklet for
YIQ(48.5790, -6.9650, -22.4610)
contains.

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Color

**YIQ(48.5790, -6.9650,
-22.4610)**

Conversions

Conversions Part 1

Format	Color
Hex	1C4112
RGB	28, 65, 18
RGB Percent	11%, 25%, 7%
CMY	0.8903, 0.7450, 0.9294
CMYK	0.57, 0.00, 0.72, 0.75
HSL	107°, 57%, 16%
HSV	107°, 72%, 25%
XYZ	2.4785, 4.0725, 1.2278
YIQ	48.5790, -6.9650, -22.4610

Conversions

Conversions Part 2

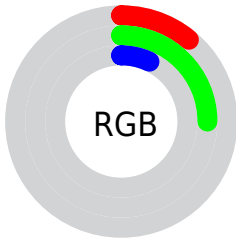
Format	Color
RYB	18, 65, 55
Decimal	1851666
CIELab	23.91, -23.76, 23.96
CIELCh	24, 33.741, 134.753
Yxy	4.0725, 0.3186, 0.5235
Android (android.graphics.Color)	4280041746 (0xFF1C4112)
YUV	48.5790, -15.0754, -18.0478
Hunter-Lab	20.1804, -13.3933, 10.5190

Details

The YIQ color **48.5790, -6.9650, -22.4610** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **34.4210, 6.9650, 22.4610**, and the grayscale version is **49.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **96.2370, -6.0020, -23.3940**, and **12.9140, -6.0500, -11.5060** is the 20% darker color. If you saturate the color by 10%, you get **46.4000, -8.0190, -25.3870**, and if you desaturate by 10%, it is **50.8720, -6.2320, -19.2240**.

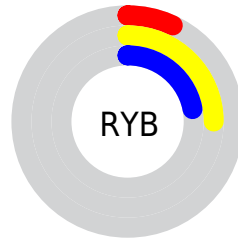
Distribution



Red (11%)

Green (25%)

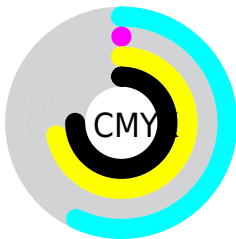
Blue (7%)



Red (7%)

Yellow (25%)

Blue (22%)

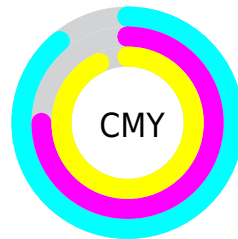


Cyan (57%)

Magenta (0%)

Yellow (72%)

Black (75%)



Cyan (89%)


Magenta (75%)


Yellow (93%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 48.5790, -6.9650, -22.4610 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 48.5790, -6.9650, -22.4610 by changing the saturation by 10% instead.


 48.5790, -6.9650,
-22.4610

 48.5790, -6.9650,
-22.4610

 254.0880, 2.5680,
-2.4880


 27.0460, -6.7820,
-20.2700


 96.2370, -6.0020,
-23.3940


 12.9140, -6.0500,
-11.5060

 121.5960, -5.6350,
-24.5390

 0.0000, 0.0000,
0.0000

 147.1830, -5.9100,
-25.0620

 174.6560, -5.8640,
-25.8960

 202.1290, -5.8180,
-26.7300

 230.0150, -5.4970,

-27.0410

■ 245.1010, 0.5530,
-15.5350

■ 48.5790, -6.9650,
-22.4610

■ 48.5790, -6.9650,
-22.4610

■ 46.4000, -8.0190,
-25.3870

■ 50.8720, -6.2320,
-19.2240

■ 44.1070, -8.7520,
-28.6240

■ 53.0510, -5.1780,
-16.2980

■ 42.3410, -9.5310,
-31.0270

■ 55.3440, -4.4450,
-13.0610

■ 57.5230, -3.3910,
-10.1350

■ 60.1150, -2.0620,
-6.6860

■ 62.2940, -1.0080,
-3.7600

■ 64.5870, -0.2750,
-0.5230

■ 66.7660, 0.7790,
2.4030

■ 69.0590, 1.5120,
5.6400

Harmonies

Analogous

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



52.5620, 18.0680, -19.0840



48.5790, -6.9650, -22.4610



44.8180, -32.5030, -22.1910

Triad

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



48.5790, -6.9650, -22.4610



49.0650, -51.3510, 0.0170



54.4120, 37.5470, 18.8830

Complementary

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



48.5790, -6.9650, -22.4610



34.4210, 6.9650, 22.4610

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.



56.7560, 25.0750, 24.6510



48.5790, -6.9650, -22.4610



53.3280, -32.7380, 9.6140

Square

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



48.5790, -6.9650, -22.4610



49.8170, -47.9570, -6.4290



58.5560, 2.1510, 21.5990



54.6920, 39.1540, 6.2740

Rectangle

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



48.5790, -6.9650, -22.4610



47.3430, -38.2350, -17.4270



58.5560, 2.1510, 21.5990



54.8510, 34.9330, 22.2050

Sweetspot

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



48.5790, -6.9650, -22.4610



77.7620, -2.5660, -8.5660



53.7720, 17.8370, -9.3870



39.0550, -1.8330, -5.3290



171.0000, -0.0000, -0.0000



43.0000, -0.0000, -0.0000

Same Dimension

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



48.5790, -6.9650, -22.4610



58.3360, -11.1350, -34.9990



47.0710, -17.0980, -20.5380



32.0600, -0.2290, -1.3570



63.2180, -14.1590, -46.2790



145.8400, -32.9920, -106.9760

Inverse Universe

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



34.4210, 6.9650, 22.4610



36.6640, 11.1350, 34.9990



35.9290, 17.0980, 20.5380



30.9400, 0.2290, 1.3570



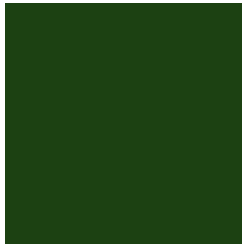
33.7820, 14.1590, 46.2790



78.4590, 33.5880, 107.1880

Previews

White Background



This preview shows how the YIQ color 48.5790, -6.9650, -22.4610 looks on a white background.

Color Contrast Check

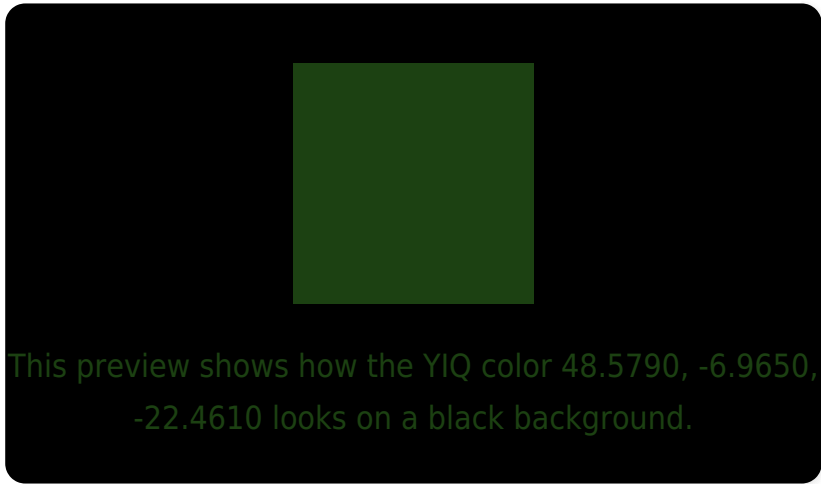
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.5790, -6.9650, -22.4610

Background



This preview shows how black text looks on a background with the YIQ color 48.5790, -6.9650, -22.4610.



This preview shows how white text looks on a background with the YIQ color 48.5790, -6.9650, -22.4610.

-22.4610.

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

48.5790, -6.9650, -22.4610

Protanopia

54.4190, 17.3330, -11.2670

Deuteranopia

55.4350, 20.4040, -6.3480



Tritanopia

54.3940, -15.9090, -3.5330

Trichromacy



Original Color

48.5790, -6.9650, -22.4610

Protanomaly

52.4070, 8.4390, -15.2810

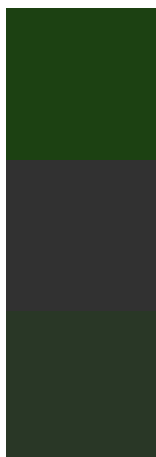
Deuteranomaly

52.8850, 10.0890, -12.1430

Tritanomaly

52.1460, -12.5150, -9.9790

Monochromacy



Original Color

48.5790, -6.9650, -22.4610

Achromatopsia

49.0000, -0.0000, -0.0000

Achromatomaly

48.8760, -2.8870, -8.2550

CSS Examples

Text

The CSS property to change the color of the text to YIQ 48.5790, -6.9650, -22.4610 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(28, 65, 18)` looks like.

```
.text, #text, p{  
    color:rgb(28, 65, 18)  
}
```

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(28, 65, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 65, 18) }
```

Border

The CSS property to change the border of an element to YIQ 48.5790, -6.9650, -22.4610 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(28, 65, 18) }
```


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

```
.border{ border-color:rgb(28, 65, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 65, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 65, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 65, 18);  
box-shadow:4px 4px 4px 4px rgb(28, 65, 18)  
}
```

Background

The CSS property to change the background color of an element to YIQ 48.5790, -6.9650, -22.4610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 65, 18) }
```

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

```
.background{ background-color: rgb(28, 65,  
18) }
```

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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