

Converting Colors

YIQ(85.1770, 12.5630, -1.9090)

Have a look what the booklet for
YIQ(85.1770, 12.5630, -1.9090)
contains.

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Color

**YIQ(85.1770, 12.5630,
-1.9090)**

Conversions

Conversions Part 1

Format	Color
Hex	605344
RGB	96, 83, 68
RGB Percent	38%, 33%, 27%
CMY	0.6235, 0.6745, 0.7333
CMYK	0.00, 0.14, 0.29, 0.62
HSL	32°, 17%, 32%
HSV	32°, 29%, 38%
XYZ	8.9612, 9.0903, 6.7537
YIQ	85.1770, 12.5630, -1.9090

Conversions

Conversions Part 2

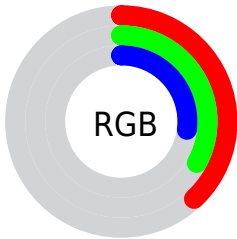
Format	Color
RYB	92, 96, 68
Decimal	6312772
CIELab	36.16, 2.75, 10.76
CIELCh	36, 11.104, 75.655
Yxy	9.0903, 0.3613, 0.3665
Android (android.graphics.Color)	4284502852 (0xFF605344)
YUV	85.1770, -8.4683, 9.4918
Hunter-Lab	30.1501, 0.2906, 7.8241

Details

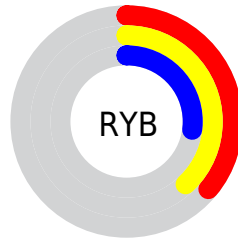
The YIQ color **85.1770, 12.5630, -1.9090** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **78.8230, -12.5630, 1.9090**, and the grayscale version is **85.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **134.6610, 14.0760, -1.7960**, and **39.8070, 10.7290, -1.7110** is the 20% darker color. If you saturate the color by 10%, you get **81.6890, 16.8730, -2.9270**, and if you desaturate by 10%, it is **88.6650, 8.2530, -0.8910**.

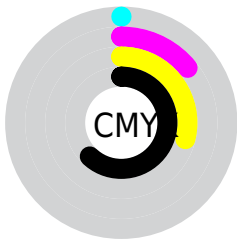
Distribution



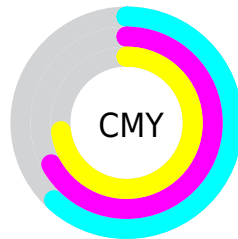
- Red (38%)
- Green (33%)
- Blue (27%)



- Red (36%)
- Yellow (38%)
- Blue (27%)



- Cyan (0%)
- Magenta (14%)
- Yellow (29%)
- Black (62%)



- Cyan (62%)
- Magenta (67%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 85.1770, 12.5630, -1.9090 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 85.1770, 12.5630, -1.9090 by changing the saturation by 10% instead.

■ 85.1770, 12.5630,
-1.9090

■ 85.1770, 12.5630,
-1.9090

■ 255.0000, -0.0000,
-0.0000

■ 61.9920, 11.6460,
-1.8100

■ 134.6610, 14.0760,
-1.7960

■ 39.8070, 10.7290,
-1.7110

■ 160.9600, 14.6720,
-1.5840

■ 19.5360, 12.9300,
-3.0540

■ 187.8460, 14.9930,
-1.8950

■ 0.0000, 0.0000,
0.0000

■ 215.7320, 15.3140,
-2.2060

■ 243.1340, 14.1220,
-2.6300

254.6580, 0.9630,

-0.9330

■ 85.1770, 12.5630,
-1.9090

■ 85.1770, 12.5630,
-1.9090

■ 81.6890, 16.8730,
-2.9270

■ 88.6650, 8.2530,
-0.8910

■ 77.7280, 21.1370,
-3.1110

■ 92.6260, 3.9890,
-0.7070

■ 74.2400, 25.4470,
-4.1290

■ 96.1140, -0.3210,
0.3110

■ 70.2790, 29.7110,
-4.3130

■ 100.0750, -4.5850,
0.4950

■ 66.7910, 34.0210,
-5.3310

■ 103.5630, -8.8950,
1.5130

■ 62.7160, 38.6060,
-5.8260

■ 107.6380,
-13.4800, 2.0080

■ 59.3420, 42.5950,
-6.5330

■ 111.0120,
-17.4690, 2.7150

■ 58.6410, 43.1910,
-6.3210

■ 115.0870,
-22.0540, 3.2100

■ 118.4610,
-26.0430, 3.9170

Harmonies

Analogous

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



85.7800, 15.3590, 2.4870



85.1770, 12.5630, -1.9090



84.2470, 6.3740, -5.3860

Triad

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



85.1770, 12.5630, -1.9090



81.5140, -16.3670, -6.2470



86.2270, 1.0990, 7.6190

Complementary

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



85.1770, 12.5630, -1.9090



78.8230, -12.5630, 1.9090

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.



85.1550, -7.5660, 4.9620



85.1770, 12.5630, -1.9090



81.8390, -18.6600, -3.2360

Square

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



85.1770, 12.5630, -1.9090



82.2820, -9.9020, -7.7740



83.6270, -14.9470, 1.0610



86.5330, 8.9850, 7.8730

Rectangle

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



85.1770, 12.5630, -1.9090



83.5560, 1.0100, -7.2940



83.6270, -14.9470, 1.0610



86.0310, -1.2850, 6.7710

Sweetspot

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



85.1770, 12.5630, -1.9090



120.8110, 4.9060, -0.8060



77.8540, 12.5150, 9.9790



60.8540, 3.3470, -0.0850



191.0000, -0.0000, -0.0000



64.0000, -0.0000, -0.0000

Same Dimension

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



85.1770, 12.5630, -1.9090



108.2440, 19.6240, -3.2240



92.5090, 8.3920, -8.9200



46.3700, 1.8340, -0.1980



68.7080, 50.2520, -7.6360



146.8960, 107.8400, -16.0640

Inverse Universe

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



78.8230, -12.5630, 1.9090



98.3430, -19.8990, 2.7010



71.4910, -8.3920, 8.9200



45.6300, -1.8340, 0.1980



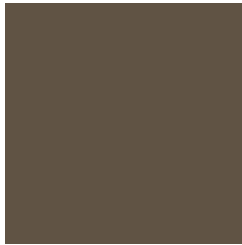
43.2920, -50.2520, 7.6360



92.5170, -107.5650, 16.5870

Previews

White Background



This preview shows how the YIQ color 85.1770, 12.5630, -1.9090 looks on a white background.

Color Contrast Check

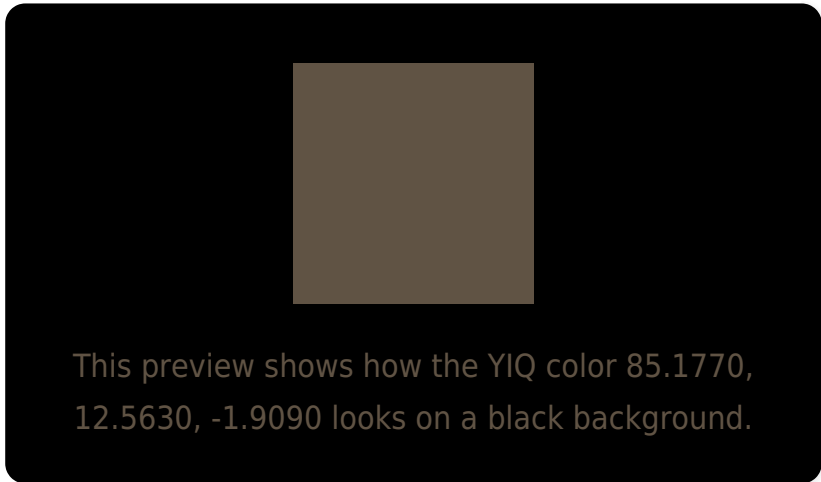
Large Text (above 18pt) WCAG AA ✓ Pass

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

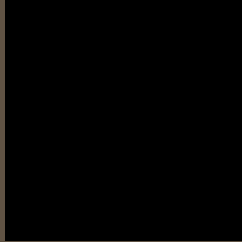
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 85.1770, 12.5630, -1.9090

Background



This preview shows how black text looks on a background with the YIQ color 85.1770, 12.5630, -1.9090.



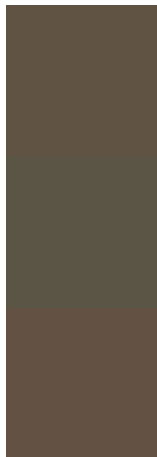
This preview shows how white text looks on a background with the YIQ color 85.1770, 12.5630,

-1.9090.

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

85.1770, 12.5630, -1.9090

Protanopia

84.6710, 8.1160, -3.9160

Deuteranopia

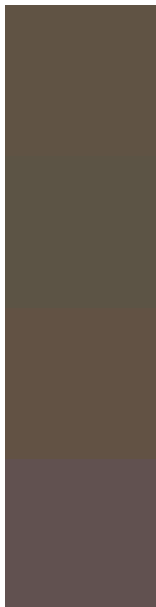
85.4870, 14.6260, -0.7500



Tritanopia

86.1800, 8.4810, 5.9930

Trichromacy



Original Color

85.1770, 12.5630, -1.9090

Protanomaly

84.6820, 9.5830, -2.9690

Deuteranomaly

85.1880, 14.0300, -0.9620

Tritanomaly

85.6700, 9.8570, 3.0810

Monochromacy



Original Color

85.1770, 12.5630, -1.9090

Achromatopsia

85.0000, -0.0000, 0.0000

Achromatomaly

84.9250, 4.5850, -0.4950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 85.1770, 12.5630, -1.9090 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(96, 83, 68)` looks like.

```
.text, #text, p{  
    color:rgb(96, 83, 68)  
}
```

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(96, 83, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 83, 68) }
```

Border

The CSS property to change the border of an element to YIQ 85.1770, 12.5630, -1.9090 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(96, 83, 68) }
```


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

```
.border{ border-color:rgb(96, 83, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 83, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 83, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 83, 68);  
box-shadow:4px 4px 4px 4px rgb(96, 83, 68)  
}
```

Background

The CSS property to change the background color of an element to YIQ 85.1770, 12.5630, -1.9090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 83, 68) }
```

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

```
.background{ background-color: rgb(96, 83,  
68) }
```

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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