

Converting Colors

YIQ(79.3730, 22.9740, -19.8900)

Have a look what the booklet for
YIQ(79.3730, 22.9740, -19.8900)
contains.

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Color

**YIQ(79.3730, 22.9740,
-19.8900)**

Conversions

Conversions Part 1

Format	Color
Hex	595614
RGB	89, 86, 20
RGB Percent	35%, 34%, 8%
CMY	0.6510, 0.6627, 0.9214
CMYK	0.00, 0.03, 0.77, 0.65
HSL	57°, 63%, 21%
HSV	57°, 77%, 35%
XYZ	7.5733, 8.8294, 1.9686
YIQ	79.3730, 22.9740, -19.8900

Conversions

Conversions Part 2

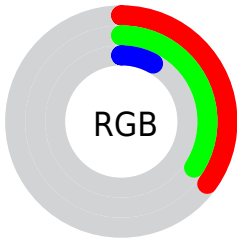
Format	Color
RYB	23, 89, 20
Decimal	5854740
CIELab	35.65, -7.49, 36.57
CIELCh	36, 37.325, 101.577
Yxy	8.8294, 0.4122, 0.4806
Android (android.graphics.Color)	4284044820 (0xFF595614)
YUV	79.3730, -29.2709, 8.4429
Hunter-Lab	29.7143, -6.5059, 16.8720

Details

The YIQ color **79.3730, 22.9740, -19.8900** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **29.6270, -22.9740, 19.8900**, and the grayscale version is **80.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **129.1560, 25.0830, -19.5650**, and **36.0270, 12.5650, -12.9630** is the 20% darker color. If you saturate the color by 10%, you get **78.3470, 25.8630, -22.6890**, and if you desaturate by 10%, it is **80.3990, 20.0850, -17.0910**.

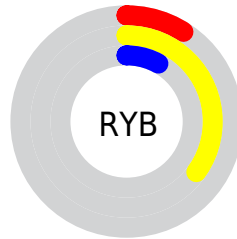
Distribution



Red (35%)

Green (34%)

Blue (8%)



Red (9%)

Yellow (35%)

Blue (8%)

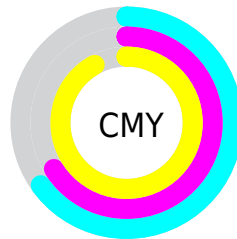


Cyan (0%)

Magenta (3%)

Yellow (77%)

Black (65%)



Cyan (65%)

Magenta (66%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 79.3730, 22.9740, -19.8900 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 79.3730, 22.9740, -19.8900 by changing the saturation by 10% instead.

■ 79.3730, 22.9740,
-19.8900

■ 79.3730, 22.9740,
-19.8900

■ 255.0000, -0.0000,
-0.0000

■ 56.1170, 20.8190,
-19.3810

■ 129.1560, 25.0830,
-19.5650

■ 36.0270, 12.5650,
-12.9630

■ 156.2270, 26.3210,
-19.9750

■ 15.9150, 1.3770,
-8.4390

■ 182.9990, 26.9630,
-20.5970

■ 0.0000, 0.0000,
0.0000

■ 210.4830, 28.4760,
-20.4840

■ 239.2550, 29.1180,
-21.1060

■ 248.6160, 17.9760,

-17.4160

■ 251.8080, 8.9880,
-8.7080

■ 79.3730, 22.9740,
-19.8900

■ 79.3730, 22.9740,
-19.8900

■ 78.3470, 25.8630,
-22.6890

■ 80.3990, 20.0850,
-17.0910

■ 76.7340, 29.0270,
-24.9650

■ 82.0120, 16.9210,
-14.8150

■ 76.5060, 29.6690,
-25.5870

■ 83.0380, 14.0320,
-12.0160

■ 84.6510, 10.8680,
-9.7400

■ 85.6770, 7.9790,
-6.9410

■ 86.5890, 5.4110,
-4.4530

■ 88.2020, 2.2470,
-2.1770

■ 89.2280, -0.6420,
0.6220

■ 90.2540, -3.5310,
3.4210

Harmonies

Analogous

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



81.8470, 39.6150, -7.5930



79.3730, 22.9740, -19.8900



75.5530, -4.0760, -25.2600

Triad

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



79.3730, 22.9740, -19.8900



70.9610, -66.1580, -12.4780



85.5330, 27.3210, 28.0010

Complementary

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



79.3730, 22.9740, -19.8900



29.6270, -22.9740, 19.8900

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.



86.5820, -0.7380, 24.3980



79.3730, 22.9740, -19.8900



69.9640, -70.2400, -4.5760

Square

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



79.3730, 22.9740, -19.8900



68.3560, -57.4450, -21.7090



79.2610, -39.7990, 10.9290



83.3420, 43.7360, 22.3600

Rectangle

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



79.3730, 22.9740, -19.8900



69.0860, -30.6220, -28.7500



79.2610, -39.7990, 10.9290



86.0420, 18.5180, 27.8460

Sweetspot

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



79.3730, 22.9740, -19.8900



111.3350, 8.9420, -7.8740



40.9730, 40.1610, 15.5610



56.4750, 5.7320, -4.7640



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.



79.3730, 22.9740, -19.8900



99.8670, 35.7220, -30.6620



71.8650, 3.6730, -28.0310



42.5440, 1.2840, -1.2440



91.8670, 35.7220, -30.6620



201.7530, 78.4600, -67.3320

Inverse Universe

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



29.6270, -22.9740, 19.8900



23.1330, -35.7220, 30.6620



37.1350, -3.6730, 28.0310



39.4560, -1.2840, 1.2440



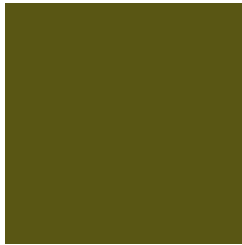
15.1330, -35.7220, 30.6620



32.6600, -78.1850, 67.8550

Previews

White Background



This preview shows how the YIQ color 79.3730, 22.9740, -19.8900 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



This preview shows how the YIQ color 79.3730, 22.9740, -19.8900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

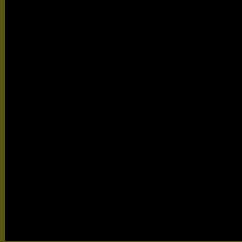
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 79.3730, 22.9740, -19.8900

Background



This preview shows how black text looks on a background with the YIQ color 79.3730, 22.9740, -19.8900.



This preview shows how white text looks on a background with the YIQ color 79.3730, 22.9740,

-19.8900.

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

79.3730, 22.9740, -19.8900

Protanopia

79.6940, 26.5040, -17.7840

Deuteranopia

80.9770, 33.1970, -12.4270



Tritanopia

84.8700, 6.4180, 4.8340

Trichromacy



Original Color

79.3730, 22.9740, -19.8900

Protanomaly

79.6830, 25.0370, -18.7310

Deuteranomaly

80.2430, 29.3920, -15.0560

Tritanomaly

82.7100, 12.3800, -4.1000

Monochromacy



Original Color

79.3730, 22.9740, -19.8900

Achromatopsia

79.0000, -0.0000, 0.0000

Achromatomaly

79.5630, 8.3000, -7.2520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 79.3730, 22.9740, -19.8900 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(89, 86, 20)` looks like.

```
.text, #text, p{  
    color:rgb(89, 86, 20)  
}
```

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(89, 86, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 86, 20) }
```

Border

The CSS property to change the border of an element to YIQ 79.3730, 22.9740, -19.8900 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(89, 86, 20) }
```


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

```
.border{ border-color:rgb(89, 86, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 86, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 86, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 86, 20);  
box-shadow:4px 4px 4px 4px rgb(89, 86, 20)  
}
```

Background

The CSS property to change the background color of an element to YIQ 79.3730, 22.9740, -19.8900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 86, 20) }
```

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

```
.background{ background-color: rgb(89, 86,  
20) }
```

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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