

Converting Colors

YIQ(73.6930, 11.0500, -2.0220)

Have a look what the booklet for
YIQ(73.6930, 11.0500, -2.0220)
contains.

YIQ(73.6930, 11.0500, -2.0220)	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(73.6930, 11.0500,
-2.0220)**

Conversions

Conversions Part 1

Format	Color
Hex	53483A
RGB	83, 72, 58
RGB Percent	33%, 28%, 23%
CMY	0.6745, 0.7177, 0.7725
CMYK	0.00, 0.13, 0.30, 0.67
HSL	34°, 18%, 28%
HSV	34°, 30%, 33%
XYZ	6.6488, 6.7790, 4.9629
YIQ	73.6930, 11.0500, -2.0220

Conversions

Conversions Part 2

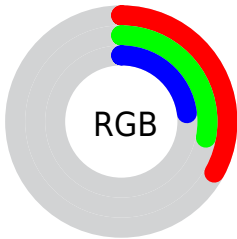
Format	Color
R_{YB}	78, 83, 58
Decimal	5457978
CIE Lab	31.30, 2.15, 10.11
CIE LCh	31, 10.332, 78.012
Yxy	6.7790, 0.3615, 0.3686
Android (android.graphics.Color)	4283648058 (0xFF53483A)
YUV	73.6930, -7.7366, 8.1622
Hunter-Lab	26.0364, 0.0190, 6.9240

Details

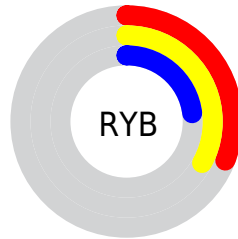
The YIQ color **73.6930, 11.0500, -2.0220** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **67.3070, -11.0500, 2.0220**, and the grayscale version is **74.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **122.1770, 12.5630, -1.9090**, and **30.2090, 9.5370, -2.1350** is the 20% darker color. If you saturate the color by 10%, you get **70.4330, 14.7180, -2.4180**, and if you desaturate by 10%, it is **76.9530, 7.3820, -1.6260**.

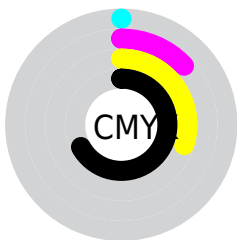
Distribution



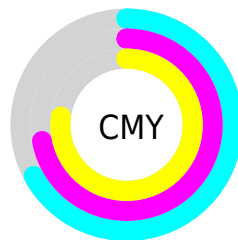
- Red (33%)
- Green (28%)
- Blue (23%)



- Red (31%)
- Yellow (33%)
- Blue (23%)



- Cyan (0%)
- Magenta (13%)
- Yellow (30%)
- Black (67%)



- Cyan (67%)
- Magenta (72%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 73.6930, 11.0500, -2.0220 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 73.6930, 11.0500, -2.0220 by changing the saturation by 10% instead.

■ 73.6930, 11.0500,
-2.0220

■ 73.6930, 11.0500,
-2.0220

■ 255.0000, -0.0000,
-0.0000

■ 51.3940, 10.4540,
-2.2340

■ 122.1770, 12.5630,
-1.9090

■ 30.2090, 9.5370,
-2.1350

■ 148.0630, 12.8840,
-2.2200

■ 5.6480, 6.9230,
1.1870

■ 174.9490, 13.2050,
-2.5310

■ 0.0000, 0.0000,
0.0000

■ 202.2480, 13.8010,
-2.3190

■ 230.5470, 14.3970,
-2.1070

■ 253.1760, 5.1360,

-4.9760

■ 73.6930, 11.0500,
-2.0220

■ 73.6930, 11.0500,
-2.0220

■ 70.4330, 14.7180,
-2.4180

■ 76.9530, 7.3820,
-1.6260

■ 67.6460, 18.4320,
-3.6480

■ 79.7400, 3.6680,
-0.3960

■ 64.3860, 22.1000,
-4.0440

■ 83.0000, -0.0000,
0.0000

■ 61.1260, 25.7680,
-4.4400

■ 86.2600, -3.6680,
0.3960

■ 58.4530, 29.1610,
-5.3590

■ 89.0470, -7.3820,
1.6260

■ 55.0790, 33.1500,
-6.0660

■ 92.3070, -11.0500,
2.0220

■ 51.8190, 36.8180,
-6.4620

■ 95.5670, -14.7180,
2.4180

■ 98.2400, -18.1110,
3.3370

■ 101.6140,
-22.1000, 4.0440

Harmonies

Analogous

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



74.7690, 13.8920, 1.5400



73.6930, 11.0500, -2.0220



73.0620, 5.4570, -5.2870

Triad

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



73.6930, 11.0500, -2.0220



70.2260, -15.4960, -5.5120



74.9990, 1.7410, 6.9970

Complementary

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



73.6930, 11.0500, -2.0220



67.3070, -11.0500, 2.0220

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.



74.2260, -6.3280, 4.5520



73.6930, 11.0500, -2.0220



70.7360, -16.8720, -2.6000

Square

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



73.6930, 11.0500, -2.0220



70.8090, -9.9480, -6.9400



72.1110, -13.4340, 1.1740



75.0060, 9.0310, 7.0390

Rectangle

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



73.6930, 11.0500, -2.0220



72.1970, 0.6430, -6.1490



72.1110, -13.4340, 1.1740



74.8030, -0.6430, 6.1490

Sweetspot

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



73.6930, 11.0500, -2.0220



103.5120, 4.3100, -1.0180



66.7290, 11.3690, 8.7210



51.5550, 2.7510, -0.2970



181.0000, -0.0000, 0.0000



54.0000, -0.0000, 0.0000

Same Dimension

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



73.6930, 11.0500, -2.0220



92.6890, 16.8730, -2.9270



79.8510, 7.4290, -7.9870



39.3700, 1.8340, -0.1980



66.0280, 46.3550, -8.5970



145.6780, 102.5220, -18.8060

Inverse Universe

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



67.3070, -11.0500, 2.0220



83.3110, -16.8730, 2.9270



61.1490, -7.4290, 7.9870



38.6300, -1.8340, 0.1980



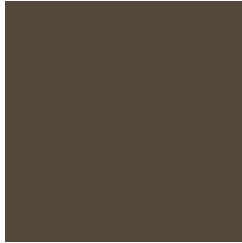
38.9720, -46.3550, 8.5970



86.3220, -102.5220, 18.8060

Previews

White Background



This preview shows how the YIQ color 73.6930, 11.0500, -2.0220 looks on a white background.

Color Contrast Check

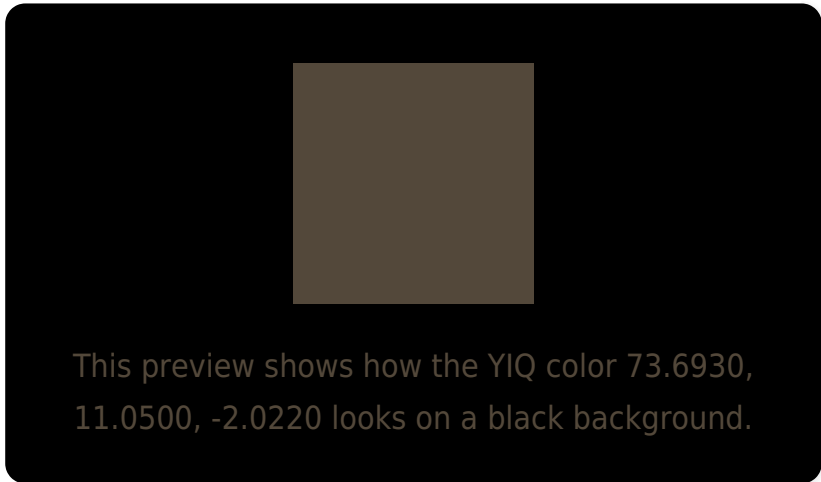
Large Text (above 18pt) WCAG AA ✓ Pass

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

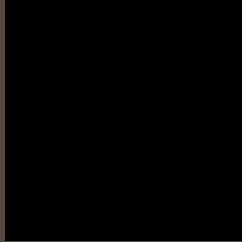
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 73.6930, 11.0500, -2.0220

Background



This preview shows how black text looks on a background with the YIQ color 73.6930, 11.0500, -2.0220.



This preview shows how white text looks on a background with the YIQ color 73.6930, 11.0500,

-2.0220.

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

73.6930, 11.0500, -2.0220

Protanopia

73.4860, 7.1990, -3.8170

Deuteranopia

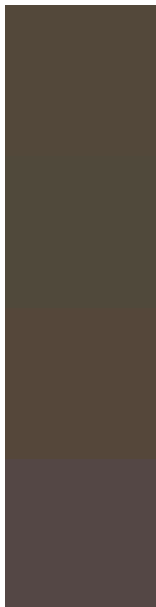
74.0030, 13.1130, -0.8630



Tritanopia

75.0550, 7.3350, 4.7350

Trichromacy



Original Color

73.6930, 11.0500, -2.0220

Protanomaly

73.4970, 8.6660, -2.8700

Deuteranomaly

73.7040, 12.5170, -1.0750

Tritanomaly

74.6590, 8.3900, 2.1340

Monochromacy



Original Color

73.6930, 11.0500, -2.0220

Achromatopsia

74.0000, -0.0000, 0.0000

Achromatomaly

73.6260, 3.9890, -0.7070

CSS Examples

Text

The CSS property to change the color of the text to YIQ 73.6930, 11.0500, -2.0220 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(83, 72, 58)` looks like.

```
.text, #text, p{  
    color:rgb(83, 72, 58)  
}
```

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(83, 72, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 72, 58) }
```

Border

The CSS property to change the border of an element to YIQ 73.6930, 11.0500, -2.0220 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(83, 72, 58) }
```


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

```
.border{ border-color:rgb(83, 72, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 72, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 72, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 72, 58);  
box-shadow:4px 4px 4px 4px rgb(83, 72, 58)  
}
```

Background

The CSS property to change the background color of an element to YIQ 73.6930, 11.0500, -2.0220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 72, 58) }
```

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

```
.background{ background-color: rgb(83, 72,  
58) }
```

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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