

Converting Colors

YIQ(71.1530, 22.2790, 20.2550)

Have a look what the booklet for
YIQ(71.1530, 22.2790, 20.2550)
contains.

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Color

**YIQ(71.1530, 22.2790,
20.2550)**

Conversions

Conversions Part 1

Format	Color
Hex	693451
RGB	105, 52, 81
RGB Percent	41%, 20%, 32%
CMY	0.5881, 0.7962, 0.6823
CMYK	0.00, 0.51, 0.23, 0.59
HSL	327°, 34%, 31%
HSV	327°, 51%, 41%
XYZ	8.5429, 6.0538, 8.5061
YIQ	71.1530, 22.2790, 20.2550

Conversions

Conversions Part 2

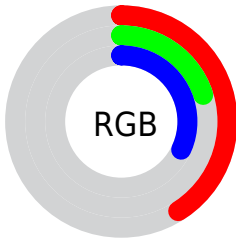
Format	Color
R_{YB}	105, 52, 81
Decimal	6894673
CIE _{Lab}	29.55, 27.64, -6.97
CIE _{LCh}	30, 28.508, 345.855
Yxy	6.0538, 0.3698, 0.2620
Android (android.graphics.Color)	4285084753 (0xFF693451)
YUV	71.1530, 4.8546, 29.6838
Hunter-Lab	24.6045, 18.9185, -3.2743

Details

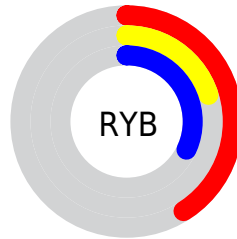
The YIQ color **71.1530, 22.2790, 20.2550** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **85.8470, -22.2790, -20.2550**, and the grayscale version is **71.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **120.7620, 24.9380, 21.6260**, and **23.7830, 20.4450, 20.4530** is the 20% darker color. If you saturate the color by 10%, you get **64.1260, 26.9090, 24.4530**, and if you desaturate by 10%, it is **77.5930, 17.9240, 16.5800**.

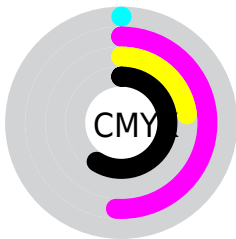
Distribution



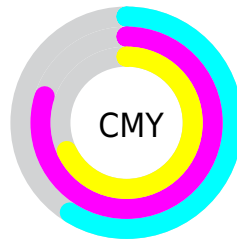
- Red (41%)
- Green (20%)
- Blue (32%)



- Red (41%)
- Yellow (20%)
- Blue (32%)



- Cyan (0%)
- Magenta (51%)
- Yellow (23%)
- Black (59%)



- Cyan (59%)
- Magenta (80%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 71.1530, 22.2790, 20.2550 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 71.1530, 22.2790, 20.2550 by changing the saturation by 10% instead.

■ 71.1530, 22.2790,
20.2550

■ 71.1530, 22.2790,
20.2550

■ 255.0000, -0.0000,
-0.0000

■ 47.5550, 21.0870,
19.8310

■ 120.7620, 24.9380,
21.6260

■ 23.7830, 20.4450,
20.4530

■ 147.0610, 25.5340,
21.8380

■ 12.7730, 17.2370,
12.5090

■ 173.7730, 26.4050,
22.5730

■ 0.0000, 0.0000,
0.0000

■ 201.4850, 27.2760,
23.3080

■ 225.0000, 18.3360,
20.1280

■ 243.2600, 5.5000,

10.4600

■ 71.1530, 22.2790,
20.2550

■ 71.1530, 22.2790,
20.2550

■ 64.1260, 26.9090,
24.4530

■ 77.5930, 17.9240,
16.5800

■ 57.8000, 30.9430,
28.4390

■ 84.6200, 13.2940,
12.3820

■ 50.7730, 35.5730,
32.6370

■ 90.9460, 9.2600,
8.3960

■ 44.3330, 39.9280,
36.3120

■ 97.9730, 4.6300,
4.1980

■ 37.8930, 44.2830,
39.9870

■ 104.4130, 0.2750,
0.5230

■ 111.4400, -4.3550,
-3.6750

■ 118.3530, -8.6640,
-8.1840

■ 124.7930,
-13.0190, -11.8590

■ 131.8200,
-17.6490, -16.0570

Harmonies

Analogous

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



71.8610, 2.6100, 18.7860



71.1530, 22.2790, 20.2550



69.8520, 33.1920, 15.2080

Triad

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



71.1530, 22.2790, 20.2550



66.3430, 14.4910, -14.8290



57.8870, -54.1460, -9.9060

Complementary

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



71.1530, 22.2790, 20.2550



85.8470, -22.2790, -20.2550

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.



56.7810, -48.2760, -17.1720



71.1530, 22.2790, 20.2550



63.2850, -5.9570, -18.7010

Square

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



71.1530, 22.2790, 20.2550



68.3280, 28.0150, -6.6170



53.8710, -40.0220, -23.5900



56.7930, -56.5770, -4.3930

Rectangle

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



71.1530, 22.2790, 20.2550



69.1200, 35.0730, 8.6490



53.8710, -40.0220, -23.5900



57.7900, -52.4950, -12.2950

Sweetspot

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



71.1530, 22.2790, 20.2550



124.5330, 8.9850, 7.8730



65.2180, -2.7090, 21.5710



60.6850, 5.5010, 4.9330



196.0000, -0.0000, -0.0000



69.0000, -0.0000, -0.0000

Same Dimension

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



71.1530, 22.2790, 20.2550



84.3600, 35.2980, 32.1140



68.1890, 30.6250, 12.1690



50.1360, 2.6130, 2.2050



42.2790, 49.1880, 44.7080



88.5310, 103.0060, 93.6140

Inverse Universe

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



71.1530, 22.2790, 20.2550



84.3600, 35.2980, 32.1140



88.8110, -30.6250, -12.1690



50.1360, 2.6130, 2.2050



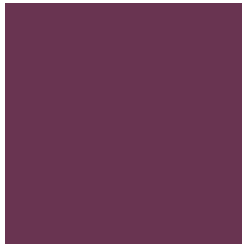
42.2790, 49.1880, 44.7080



88.5310, 103.0060, 93.6140

Previews

White Background



This preview shows how the YIQ color 71.1530, 22.2790, 20.2550 looks on a white background.

Color Contrast Check

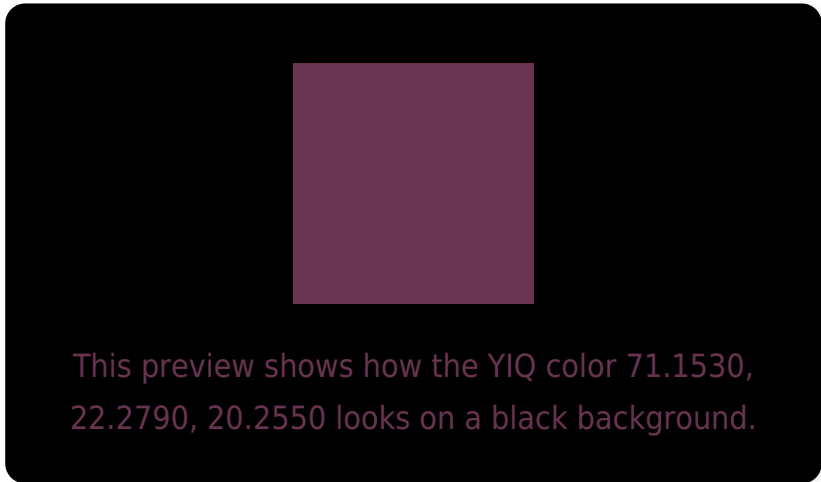
Large Text (above 18pt) WCAG AA ✓ Pass

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

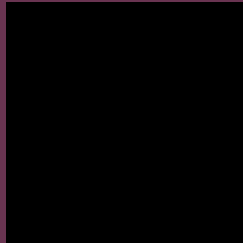
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 71.1530, 22.2790, 20.2550

Background



This preview shows how black text looks on a background with the YIQ color 71.1530, 22.2790, 20.2550.



This preview shows how white text looks on a background with the YIQ color 71.1530, 22.2790,

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

71.1530, 22.2790, 20.2550

Protanopia

70.2410, -10.6840, 6.4040

Deuteranopia

70.6350, -0.2300, 4.1700



Tritanopia

70.5090, 26.7280, 11.2080

Trichromacy



Original Color

71.1530, 22.2790, 20.2550

Protanomaly

70.7480, 1.1900, 11.4780

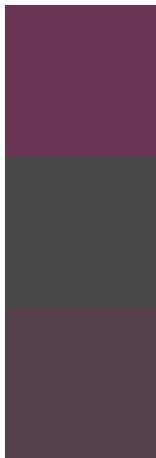
Deuteranomaly

70.8150, 8.2510, 10.1630

Tritanomaly

71.1330, 25.0310, 14.4310

Monochromacy



Original Color

71.1530, 22.2790, 20.2550

Achromatopsia

71.0000, -0.0000, -0.0000

Achromatomaly

70.9350, 7.7930, 7.4490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 71.1530, 22.2790, 20.2550 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(105, 52, 81)` looks like.

```
.text, #text, p{  
    color:rgb(105, 52, 81)  
}
```

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(105, 52, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 52, 81) }
```

Border

The CSS property to change the border of an element to YIQ 71.1530, 22.2790, 20.2550 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(105, 52, 81) }
```


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

```
.border{ border-color:rgb(105, 52, 81) }
```

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

Here you see how a box with a 4 pixel rgb(105, 52, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 52, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 52, 81);  
box-shadow:4px 4px 4px 4px rgb(105, 52,  
81) }
```

Background

The CSS property to change the background color of an element to YIQ 71.1530, 22.2790, 20.2550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 52, 81) }
```

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

```
.background{ background-color: rgb(105, 52,  
81) }
```

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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