

Converting Colors

YIQ(61.3530, 1.6450, 30.7730)

Have a look what the booklet for
YIQ(61.3530, 1.6450, 30.7730)
contains.

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Color

**YIQ(61.3530, 1.6450,
30.7730)**

Conversions

Conversions Part 1

Format	Color
Hex	522970
RGB	82, 41, 112
RGB Percent	32%, 16%, 44%
CMY	0.6783, 0.8393, 0.5608
CMYK	0.27, 0.63, 0.00, 0.56
HSL	275°, 46%, 30%
HSV	275°, 63%, 44%
XYZ	7.1991, 4.5497, 15.8244
YIQ	61.3530, 1.6450, 30.7730

Conversions

Conversions Part 2

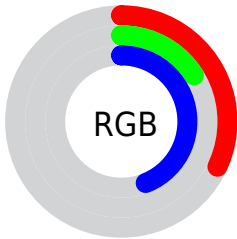
Format	Color
R_{YB}	82, 41, 112
Decimal	5384560
CIE Lab	25.41, 33.05, -33.75
CIE LCh	25, 47.243, 314.401
Yxy	4.5497, 0.2611, 0.1650
Android (android.graphics.Color)	4283574640 (0xFF522970)
YUV	61.3530, 24.9690, 18.1074
Hunter-Lab	21.3301, 22.9177, -29.0550

Details

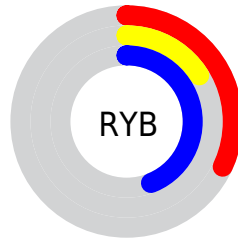
The YIQ color **61.3530, 1.6450, 30.7730** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **91.6470, -1.6450, -30.7730**, and the grayscale version is **61.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **111.0050, 2.7450, 32.8650**, and **17.0490, -0.5550, 26.5890** is the 20% darker color. If you saturate the color by 10%, you get **53.4010, 1.6900, 35.4660**, and if you desaturate by 10%, it is **69.3050, 1.6000, 26.0800**.

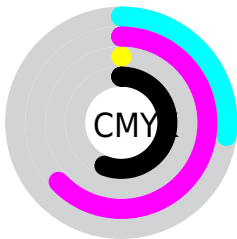
Distribution



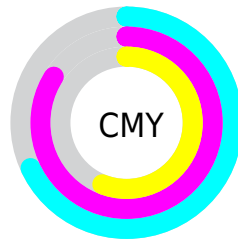
- Red (32%)
- Green (16%)
- Blue (44%)



- Red (32%)
- Yellow (16%)
- Blue (44%)



- Cyan (27%)
- Magenta (63%)
- Yellow (0%)
- Black (56%)



- Cyan (68%)
- Magenta (84%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 61.3530, 1.6450, 30.7730 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 61.3530, 1.6450, 30.7730 by changing the saturation by 10% instead.

61.3530, 1.6450,
30.7730

61.3530, 1.6450,
30.7730

255.0000, -0.0000,
-0.0000

37.5270, 1.0950,
29.7270

111.0050, 2.7450,
32.8650

17.0490, -0.5550,
26.5890

136.9450, 2.9740,
34.2220

4.9730, -12.5650,
12.9630

163.4720, 2.9280,
35.0560

2.7530, -6.3740,
5.3860

190.5970, 4.0740,
36.3140

0.0000, 0.0000,
0.0000

216.5020, 11.4110,
29.9950

235.6290, 9.0750,

17.2590

252.6520, 1.1000,
2.0920

61.3530, 1.6450,
30.7730

61.3530, 1.6450,
30.7730

53.4010, 1.6900,
35.4660

69.3050, 1.6000,
26.0800

45.7480, 2.3310,
40.3710

76.9580, 0.9590,
21.1750

37.2090, 2.6510,
45.5870

85.4970, 0.6390,
15.9590

32.2030, 2.7880,
48.6120

93.4490, 0.5940,
11.2660

101.4010, 0.5490,
6.5730

■ 109.0540, -0.0920,
1.6680

■ 117.0060, -0.1370,
-3.0250

■ 125.5450, -0.4570,
-8.2410

■ 133.4970, -0.5020,
-12.9340

Harmonies

Analogous

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



49.4530, -57.9550, 9.5730



61.3530, 1.6450, 30.7730



53.4730, 36.7180, 39.4220

Triad

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



61.3530, 1.6450, 30.7730



57.4340, 39.3400, -8.1160



53.3900, -45.6170, -15.8010

Complementary

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



61.3530, 1.6450, 30.7730



91.6470, -1.6450, -30.7730

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.



47.9980, -33.1900, -26.2620



61.3530, 1.6450, 30.7730



55.2090, 17.5640, -20.9640

Square

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



61.3530, 1.6450, 30.7730



53.8850, 54.7880, 9.2840



44.0690, -14.7570, -35.4370



56.5650, -55.9350, -5.0150

Rectangle

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



61.3530, 1.6450, 30.7730



47.3730, 51.6190, 39.1950



44.0690, -14.7570, -35.4370



51.4350, -41.4900, -19.0100

Sweetspot

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



61.3530, 1.6450, 30.7730



125.8620, 0.8690, 11.7890



67.2910, -31.3160, 5.8680



61.9280, 0.5030, 7.4070



201.0000, -0.0000, 0.0000



74.0000, -0.0000, 0.0000

Same Dimension

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



61.3530, 1.6450, 30.7730



66.6760, 2.8340, 47.7780



69.7530, 21.1300, 35.5780



51.8800, 0.4580, 2.7140



34.3110, 2.6040, 51.9480



70.9150, 5.9410, 107.1330

Inverse Universe

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



65.6490, 32.6860, 24.3820



73.1340, 50.7940, 37.6260



83.2470, -21.1300, -35.5780



52.1360, 2.6130, 2.2050



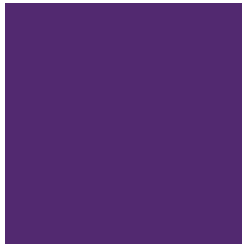
41.6940, 55.1490, 41.3010



85.7090, 113.8280, 84.7080

Previews

White Background



This preview shows how the YIQ color 61.3530, 1.6450, 30.7730 looks on a white background.

Color Contrast Check

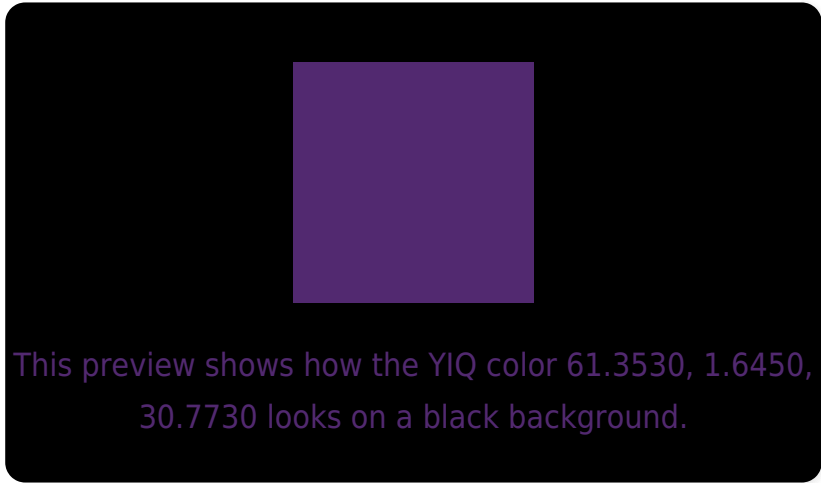
Large Text (above 18pt) WCAG AA ✓ Pass

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

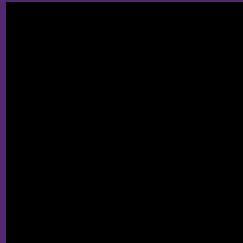
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 61.3530, 1.6450, 30.7730

Background



This preview shows how black text looks on a background with the YIQ color 61.3530, 1.6450, 30.7730.



This preview shows how white text looks on a background with the YIQ color 61.3530, 1.6450,

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

61.3530, 1.6450, 30.7730

Protanopia

48.8830, -56.3500, 8.0180

Deuteranopia

54.0880, -40.9900, 4.9780



Tritanopia

61.6530, 8.5270, 5.1590

Trichromacy



Original Color

61.3530, 1.6450, 30.7730

Protanomaly

53.1740, -34.9400, 16.4840

Deuteranomaly

56.3830, -25.4030, 14.3490

Tritanomaly

61.7810, 5.5910, 14.3190

Monochromacy



Original Color

61.3530, 1.6450, 30.7730

Achromatopsia

61.0000, 0.0000, -0.0000

Achromatomaly

61.4490, 0.5940, 11.2660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 61.3530, 1.6450, 30.7730 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(82, 41, 112)` looks like.

```
.text, #text, p{  
    color:rgb(82, 41, 112)  
}
```

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(82, 41, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 41, 112) }
```

Border

The CSS property to change the border of an element to YIQ 61.3530, 1.6450, 30.7730 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(82, 41, 112) }
```


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

```
.border{ border-color:rgb(82, 41, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 41, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 41, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 41, 112);  
box-shadow:4px 4px 4px 4px rgb(82, 41,  
112) }
```

Background

The CSS property to change the background color of an element to YIQ 61.3530, 1.6450, 30.7730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 41, 112) }
```

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

```
.background{ background-color: rgb(82, 41,  
112) }
```

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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