

Converting Colors

YIQ(62.7400, 30.0310, 0.9030)

Have a look what the booklet for
YIQ(62.7400, 30.0310, 0.9030)
contains.

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Color

**YIQ(62.7400, 30.0310,
0.9030)**

Conversions

Conversions Part 1

Format	Color
Hex	5C361F
RGB	92, 54, 31
RGB Percent	36%, 21%, 12%
CMY	0.6391, 0.7883, 0.8783
CMYK	0.00, 0.41, 0.66, 0.64
HSL	23°, 50%, 24%
HSV	23°, 66%, 36%
XYZ	5.9818, 5.0123, 1.9509
YIQ	62.7400, 30.0310, 0.9030

Conversions

Conversions Part 2

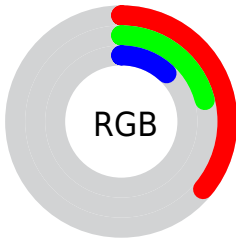
Format	Color
R_{YB}	92, 68, 31
Decimal	6043167
CIE _{Lab}	26.77, 14.53, 21.41
CIE _{LCh}	27, 25.873, 55.828
Yxy	5.0123, 0.4621, 0.3872
Android (android.graphics.Color)	4284233247 (0xFF5C361F)
YUV	62.7400, -15.6478, 25.6610
Hunter-Lab	22.3881, 8.5135, 10.5051

Details

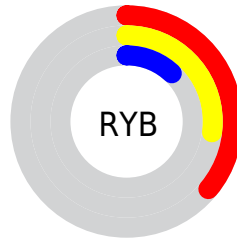
The YIQ color **62.7400, 30.0310, 0.9030** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **60.2600, -30.0310, -0.9030**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **111.3060, 34.2490, 1.5530**, and **19.9010, 22.3280, 2.8400** is the 20% darker color. If you saturate the color by 10%, you get **58.1920, 34.5700, 1.2420**, and if you desaturate by 10%, it is **67.2880, 25.4920, 0.5640**.

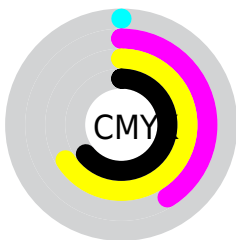
Distribution



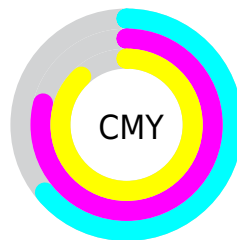
- Red (36%)
- Green (21%)
- Blue (12%)



- Red (36%)
- Yellow (27%)
- Blue (12%)



- Cyan (0%)
- Magenta (41%)
- Yellow (66%)
- Black (64%)



- Cyan (64%)
- Magenta (79%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 62.7400, 30.0310, 0.9030 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 62.7400, 30.0310, 0.9030 by changing the saturation by 10% instead.

■ 62.7400, 30.0310,
0.9030

■ 62.7400, 30.0310,
0.9030

255.0000, -0.0000,
-0.0000

■ 39.7290, 28.5640,
-0.0440

■ 111.3060, 34.2490,
1.5530

■ 19.9010, 22.3280,
2.8400

■ 136.7900, 35.7620,
1.6660

■ 0.5980, 1.1920,
0.4240

■ 163.5730, 37.8710,
1.9910

■ 0.0000, 0.0000,
0.0000

■ 190.7580, 38.7880,
1.8920

■ 217.4590, 38.1920,
1.6800

■ 237.5600, 21.5500,

-5.0900

■ 252.4920, 7.0620,
-6.8420

■ 62.7400, 30.0310,
0.9030

■ 62.7400, 30.0310,
0.9030

■ 58.1920, 34.5700,
1.2420

■ 67.2880, 25.4920,
0.5640

■ 54.2310, 38.8340,
1.0580

■ 71.2490, 21.2280,
0.7480

■ 49.5690, 43.6940,
1.0860

■ 75.9110, 16.3680,
0.7200

■ 48.0530, 45.2070,
1.1990

■ 80.4590, 11.8290,
0.3810

■ 85.0070, 7.2900,
0.0420

■ 88.9680, 3.0260,
0.2260

■ 93.5160, -1.5130,
-0.1130

■ 98.1780, -6.3730,
-0.1410

■ 102.7260,
-10.9120, -0.4800

Harmonies

Analogous

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



63.4340, 31.3130, 10.7130



62.7400, 30.0310, 0.9030



61.4520, 21.7340, -8.4260

Triad

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



62.7400, 30.0310, 0.9030



49.6910, -39.3350, -19.5190



63.8590, -12.2440, 12.6520

Complementary

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



62.7400, 30.0310, 0.9030



60.2600, -30.0310, -0.9030

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.



55.5670, -41.0810, 1.1190



62.7400, 30.0310, 0.9030



51.9710, -45.7550, -13.2990

Square

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



62.7400, 30.0310, 0.9030



56.1040, -12.6970, -17.6970



52.6210, -50.3410, -7.2770



65.7430, 8.7540, 17.5700

Rectangle

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



62.7400, 30.0310, 0.9030



60.3260, 13.1610, -12.7510



52.6210, -50.3410, -7.2770



62.5590, -20.2670, 9.3730

Sweetspot

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



62.7400, 30.0310, 0.9030



108.4590, 11.8290, 0.3810



53.6850, 23.8370, 25.0610



54.1210, 6.9690, 0.3530



189.0000, -0.0000, -0.0000



61.0000, 0.0000, -0.0000

Same Dimension

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



62.7400, 30.0310, 0.9030



73.8360, 47.3160, 1.5240



80.3500, 21.7810, -14.7870



43.6690, 2.4300, 0.0140



56.9570, 54.2850, 1.8770



123.1060, 116.7770, 3.6970

Inverse Universe

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



60.2600, -30.0310, -0.9030



70.1640, -47.3160, -1.5240



42.6500, -21.7810, 14.7870



43.3310, -2.4300, -0.0140



52.4560, -54.0100, -1.3540



113.8940, -116.7770, -3.6970

Previews

White Background



This preview shows how the YIQ color 62.7400, 30.0310, 0.9030 looks on a white background.

Color Contrast Check

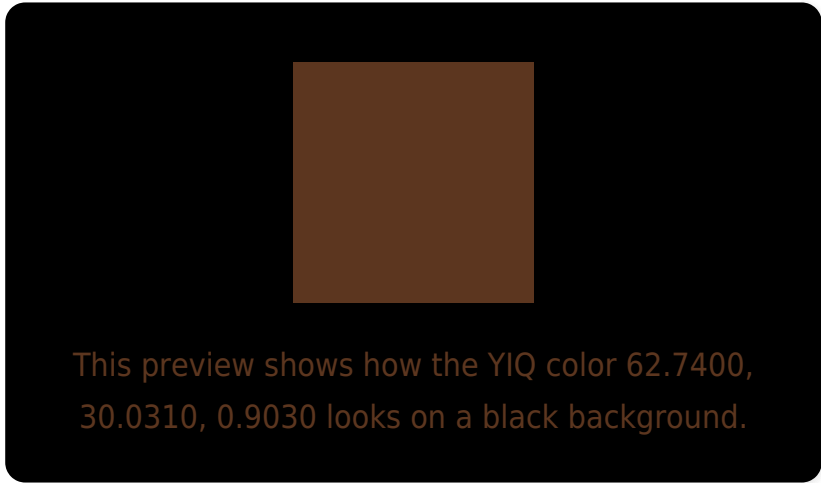
Large Text (above 18pt) WCAG AA ✓ Pass

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

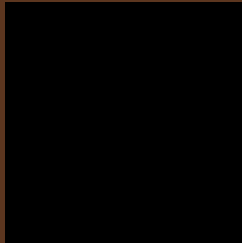
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 62.7400, 30.0310, 0.9030

Background



This preview shows how black text looks on a background with the YIQ color 62.7400, 30.0310, 0.9030.



This preview shows how white text looks on a background with the YIQ color 62.7400, 30.0310,

0.9030.

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

62.7400, 30.0310, 0.9030

Protanopia

62.3740, 13.2060, -8.0580

Deuteranopia

62.7340, 21.0000, -6.1360



Tritanopia

64.0140, 23.7480, 10.1480

Trichromacy



Original Color

62.7400, 30.0310, 0.9030

Protanomaly

62.3040, 19.3950, -4.5810

Deuteranomaly

62.5820, 24.4840, -3.1960

Tritanomaly

63.5750, 26.3620, 6.8260

Monochromacy



Original Color

62.7400, 30.0310, 0.9030

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

63.1600, 11.2330, 0.1690

CSS Examples

Text

The CSS property to change the color of the text to YIQ 62.7400, 30.0310, 0.9030 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(92, 54, 31)` looks like.

```
.text, #text, p{  
    color:rgb(92, 54, 31)  
}
```

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(92, 54, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 54, 31) }
```

Border

The CSS property to change the border of an element to YIQ 62.7400, 30.0310, 0.9030 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(92, 54, 31) }
```


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

```
.border{ border-color:rgb(92, 54, 31) }
```

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

Here you see how a box with a 4 pixel rgb(92, 54, 31) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 54, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 54, 31);  
box-shadow:4px 4px 4px 4px rgb(92, 54, 31)  
}
```

Background

The CSS property to change the background color of an element to YIQ 62.7400, 30.0310, 0.9030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 54, 31) }
```

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

```
.background{ background-color: rgb(92, 54,  
31) }
```

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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