

Converting Colors

YIQ(60.2130, 56.4400, 1.3680)

Have a look what the booklet for
YIQ(60.2130, 56.4400, 1.3680)
contains.

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Color

**YIQ(60.2130, 56.4400,
1.3680)**

Conversions

Conversions Part 1

Format	Color
Hex	732C00
RGB	115, 44, 0
RGB Percent	45%, 17%, 0%
CMY	0.5489, 0.8276, 0.9997
CMYK	0.00, 0.62, 1.00, 0.55
HSL	23°, 100%, 23%
HSV	23°, 100%, 45%
XYZ	7.9749, 5.4466, 0.6329
YIQ	60.2130, 56.4400, 1.3680

Conversions

Conversions Part 2

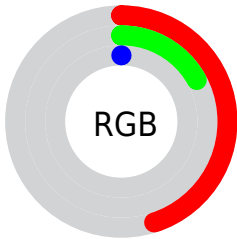
Format	Color
RYB	115, 71, 0
Decimal	7547904
CIELab	27.97, 29.36, 39.17
CIELCh	28, 48.957, 53.146
Yxy	5.4466, 0.5674, 0.3875
Android (android.graphics.Color)	4285737984 (0xFF732C00)
YUV	60.2130, -29.6850, 48.0482
Hunter-Lab	23.3379, 20.1549, 14.7287

Details

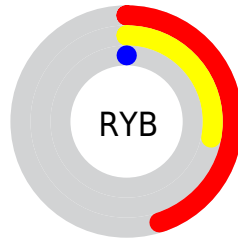
The YIQ color **60.2130, 56.4400, 1.3680** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **54.7870, -56.4400, -1.3680**, and the grayscale version is **60.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **111.2030, 62.4000, 3.4880**, and **17.6410, 35.1640, 12.5080** is the 20% darker color. If you saturate the color by 10%, you get **60.2130, 56.4400, 1.3680**, and if you desaturate by 10%, it is **65.6900, 50.6630, 1.4390**.

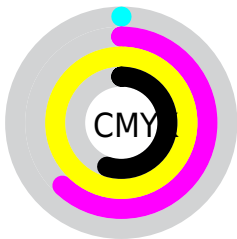
Distribution



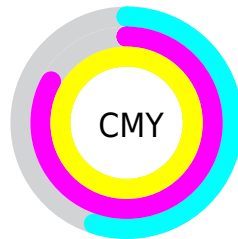
- Red (45%)
- Green (17%)
- Blue (0%)



- Red (45%)
- Yellow (28%)
- Blue (0%)



- Cyan (0%)
- Magenta (62%)
- Yellow (100%)
- Black (55%)



- Cyan (55%)
- Magenta (83%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 60.2130, 56.4400, 1.3680 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 60.2130, 56.4400, 1.3680 by changing the saturation by 10% instead.

60.2130, 56.4400,
1.3680

60.2130, 56.4400,
1.3680

252.2640, 7.7040,
-7.4640

37.7530, 46.3520,
7.9840

111.2030, 62.4000,
3.4880

17.6410, 35.1640,
12.5080

137.5840, 65.7010,
4.2370

10.2800, 19.9430,
7.5190

164.5520, 68.7270,
4.4630

0.0000, 0.0000,
0.0000

189.9430, 66.0680,
3.0920

209.3430, 50.0220,
-3.4660

228.8570, 33.6550,

-9.7130

■ 248.9580, 17.0130,
-16.4830

■ 60.2130, 56.4400,
1.3680

■ 65.6900, 50.6630,
1.4390

■ 71.0530, 45.2070,
1.1990

■ 76.5300, 39.4300,
1.2700

■ 81.8930, 33.9740,
1.0300

■ 87.9570, 27.9220,
0.5780

■ 93.3200, 22.4660,
0.3380

■ 98.7970, 16.6890,
0.4090

■ 104.1600, 11.2330,
0.1690

■ 109.6370, 5.4560,
0.2400

Harmonies

Analogous

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



56.2300, 58.9110, 28.1830



60.2130, 56.4400, 1.3680



62.4180, 36.2690, -13.0350

Triad

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



60.2130, 56.4400, 1.3680



54.5180, -40.5260, -25.4700



62.6840, -36.3160, 19.3960

Complementary

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



60.2130, 56.4400, 1.3680



54.7870, -56.4400, -1.3680

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.



59.0390, -65.6570, 5.9830



60.2130, 56.4400, 1.3680



58.9640, -53.0450, -13.3410

Square

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



60.2130, 56.4400, 1.3680



48.0830, -26.5400, -36.6520



61.3240, -62.4460, -2.6540



66.1590, 14.1150, 36.0590

Rectangle

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



60.2130, 56.4400, 1.3680



60.5360, 20.9570, -21.8830



61.3240, -62.4460, -2.6540



54.1150, -62.8150, 9.5450

Sweetspot

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



60.2130, 56.4400, 1.3680



129.0210, 21.8700, 0.1260



42.7070, 45.1070, 47.0830



63.2420, 13.9380, 0.7060



204.0000, -0.0000, -0.0000



77.0000, -0.0000, -0.0000

Same Dimension

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



60.2130, 56.4400, 1.3680



78.3090, 73.7250, 1.9890



93.0850, 41.0400, -27.9200



55.9680, 3.0260, 0.2260



64.0670, 59.7870, 1.2830



130.5150, 122.8750, 3.3150

Inverse Universe

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



54.7870, -56.4400, -1.3680



71.6910, -73.7250, -1.9890



21.9150, -41.0400, 27.9200



55.4450, -2.7510, 0.2970



58.5200, -60.0620, -1.8060



118.8980, -122.6000, -2.7920

Previews

White Background



This preview shows how the YIQ color 60.2130, 56.4400, 1.3680 looks on a white background.

Color Contrast Check

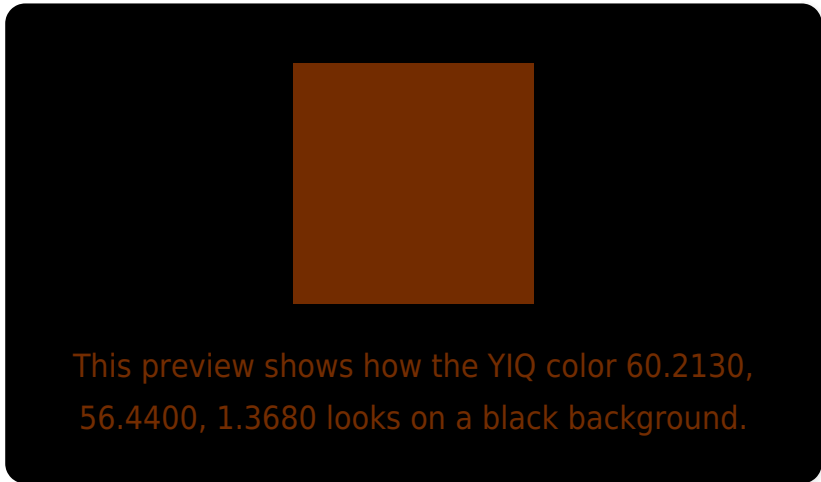
Large Text (above 18pt) WCAG AA ✓ Pass

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

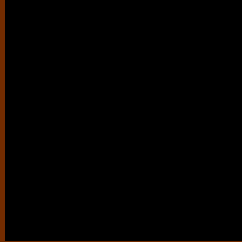
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 60.2130, 56.4400, 1.3680

Background



This preview shows how black text looks on a background with the YIQ color 60.2130, 56.4400, 1.3680.



This preview shows how white text looks on a background with the YIQ color 60.2130, 56.4400,

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

60.2130, 56.4400, 1.3680

Protanopia

63.4210, 23.0190, -15.1970

Deuteranopia

62.9830, 33.0600, -15.4520



Tritanopia

63.6530, 44.0580, 16.5220

Trichromacy



Original Color

60.2130, 56.4400, 1.3680

Protanomaly

62.4550, 34.8470, -9.2890

Deuteranomaly

62.1630, 41.5410, -9.4590

Tritanomaly

62.4160, 48.9190, 11.0230

Monochromacy



Original Color

60.2130, 56.4400, 1.3680

Achromatopsia

60.0000, -0.0000, -0.0000

Achromatomaly

59.9500, 20.6320, 0.5360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 60.2130, 56.4400, 1.3680 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(115, 44, 0)` looks like.

```
.text, #text, p{  
    color:rgb(115, 44, 0)  
}
```

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(115, 44, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 44, 0) }
```

Border

The CSS property to change the border of an element to YIQ 60.2130, 56.4400, 1.3680 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(115, 44, 0) }
```


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

```
.border{ border-color:rgb(115, 44, 0) }
```

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

Here you see how a box with a 4 pixel rgb(115, 44, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 44, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 44, 0);  
box-shadow:4px 4px 4px 4px rgb(115, 44, 0)  
}
```

Background

The CSS property to change the background color of an element to YIQ 60.2130, 56.4400, 1.3680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 44, 0) }
```

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

```
.background{ background-color: rgb(115, 44,  
0) }
```

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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