

Converting Colors

YIQ(31.3110, 54.1890, 25.6530)

Have a look what the booklet for
YIQ(31.3110, 54.1890, 25.6530)
contains.

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Color

**YIQ(31.3110, 54.1890,
25.6530)**

Conversions

Conversions Part 1

Format	Color
Hex	63000F
RGB	99, 0, 15
RGB Percent	39%, 0%, 6%
CMY	0.6115, 1.0000, 0.9410
CMYK	0.00, 1.00, 0.85, 0.61
HSL	351°, 100%, 19%
HSV	351°, 100%, 39%
XYZ	5.2390, 2.6908, 0.6971
YIQ	31.3110, 54.1890, 25.6530

Conversions

Conversions Part 2

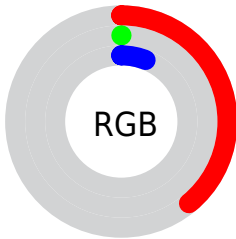
Format	Color
RYB	99, 0, 15
Decimal	6488079
CIELab	18.76, 40.46, 22.37
CIElCh	19, 46.231, 28.945
Yxy	2.6908, 0.6073, 0.3119
Android (android.graphics.Color)	4284678159 (0xFF63000F)
YUV	31.3110, -8.0413, 59.3633
Hunter-Lab	16.4037, 28.3029, 8.9628

Details

The YIQ color **31.3110, 54.1890, 25.6530** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **67.6890, -54.1890, -25.6530**, and the grayscale version is **31.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **87.7750, 58.4540, 19.9420**, and **13.9820, 26.7740, 10.3740** is the 20% darker color. If you saturate the color by 10%, you get **31.3110, 54.1890, 25.6530**, and if you desaturate by 10%, it is **38.0930, 48.8710, 22.9110**.

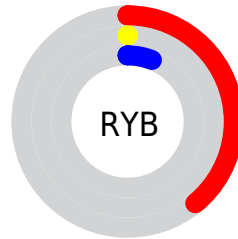
Distribution



Red (39%)

Green (0%)

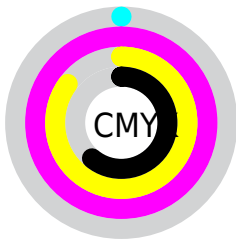
Blue (6%)



Red (39%)

Yellow (0%)

Blue (6%)

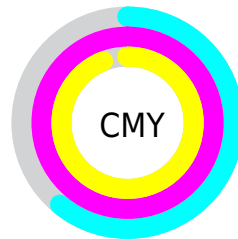


Cyan (0%)

Magenta (100%)

Yellow (85%)

Black (61%)



Cyan (61%)


Magenta (100%)


Yellow (94%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 31.3110, 54.1890, 25.6530 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 31.3110, 54.1890, 25.6530 by changing the saturation by 10% instead.


 31.3110, 54.1890,
25.6530


 31.3110, 54.1890,
25.6530

 249.5400, 7.1070,
-2.1490


 21.2290, 42.3160,
15.0520


 87.7750, 58.4540,
19.9420


 13.9820, 26.7740,
10.3740

 114.6290, 61.8010,
19.8570

 0.0000, 0.0000,
0.0000


 141.2980, 64.2310,
19.8710


 168.7930, 67.2110,
20.9310


 190.2970, 56.8040,
16.8040


 209.6970, 40.7580,

10.2460


 229.3250, 24.0700,
4.3100


 31.3110, 54.1890,
25.6530

 38.0930, 48.8710,
22.9110

 44.9890, 43.2320,
20.4800

 51.7710, 37.9140,
17.7380

 58.6670, 32.2750,
15.3070

 65.4490, 26.9570,
12.5650

■ 71.6440, 21.9140,
10.3460

■ 78.5400, 16.2750,
7.9150

■ 85.3220, 10.9570,
5.1730

■ 92.2180, 5.3180,
2.7420

Harmonies

Analogous

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



35.6710, 44.7880, 36.3400



31.3110, 54.1890, 25.6530



41.5520, 42.3640, 3.1640

Triad

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



31.3110, 54.1890, 25.6530



33.9150, -16.9590, -28.5670



42.9330, -50.6190, 8.7810

Complementary

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



31.3110, 54.1890, 25.6530



67.6890, -54.1890, -25.6530

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.



45.3150, -49.0590, 2.5330



31.3110, 54.1890, 25.6530



39.5350, -30.0280, -17.4840

Square

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



31.3110, 54.1890, 25.6530



38.5860, 0.3250, -22.4190



43.5250, -41.2630, -6.5990



43.8550, -23.6160, 20.5120

Rectangle

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



31.3110, 54.1890, 25.6530



43.8120, 29.5280, -6.5040



43.5250, -41.2630, -6.5990



44.5800, -51.1230, 6.9010

Sweetspot

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



31.3110, 54.1890, 25.6530



103.3450, 21.3180, 10.1340



36.1030, 17.6890, 48.3850



49.6320, 13.0200, 6.3320



194.0000, -0.0000, 0.0000



66.0000, -0.0000, -0.0000

Same Dimension

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



31.3110, 54.1890, 25.6530



41.1500, 71.0600, 33.7800



48.9720, 49.9290, 3.7290



45.1960, 2.3840, 0.8480



35.4260, 61.2950, 29.0310



75.8640, 131.4840, 62.0760

Inverse Universe

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



31.3110, 54.1890, 25.6530



41.1500, 71.0600, 33.7800



50.0280, -49.9290, -3.7290



45.1960, 2.3840, 0.8480



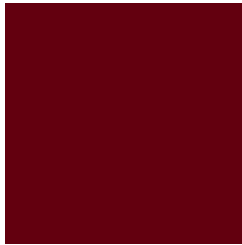
35.4260, 61.2950, 29.0310



75.8640, 131.4840, 62.0760

Previews

White Background



This preview shows how the YIQ color 31.3110, 54.1890, 25.6530 looks on a white background.

Color Contrast Check

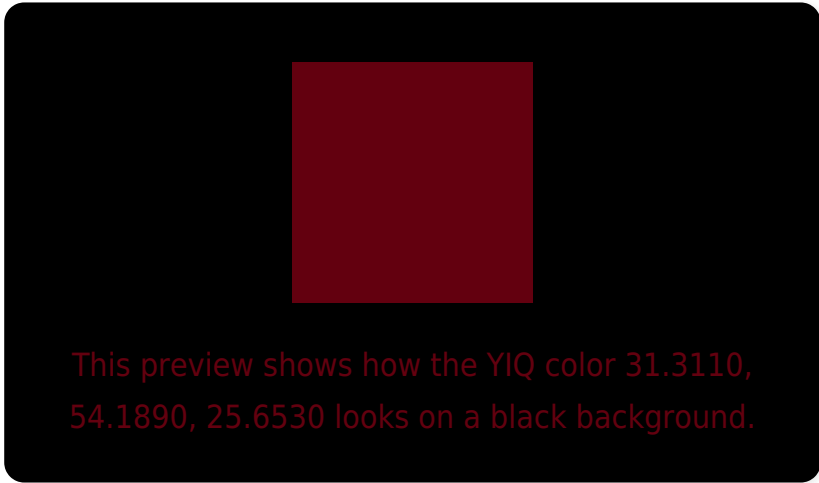
Large Text (above 18pt) WCAG AA ✓ Pass

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

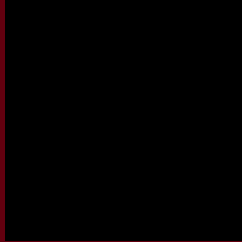
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 31.3110, 54.1890, 25.6530

Background



This preview shows how black text looks on a background with the YIQ color 31.3110, 54.1890, 25.6530.



This preview shows how white text looks on a background with the YIQ color 31.3110, 54.1890,

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

31.3110, 54.1890, 25.6530

Protanopia

48.6450, 11.0050, -6.7150

Deuteranopia

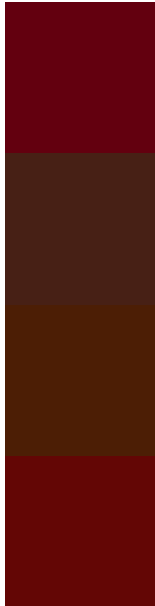
46.4260, 24.6230, -11.2250



Tritanopia

34.8840, 56.5290, 16.2810

Trichromacy



Original Color

31.3110, 54.1890, 25.6530

Protanomaly

42.4070, 26.7750, 4.8470

Deuteranomaly

40.9040, 35.4410, 1.9770

Tritanomaly

33.6930, 55.7490, 19.4050

Monochromacy



Original Color

31.3110, 54.1890, 25.6530

Achromatopsia

31.0000, -0.0000, -0.0000

Achromatomaly

31.3340, 19.8510, 9.1870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 31.3110, 54.1890, 25.6530 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(99, 0, 15)` looks like.

```
.text, #text, p{  
    color:rgb(99, 0, 15)  
}
```

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(99, 0, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 0, 15) }
```

Border

The CSS property to change the border of an element to YIQ 31.3110, 54.1890, 25.6530 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(99, 0, 15) }
```


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

```
.border{ border-color:rgb(99, 0, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 0, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 0, 15); -webkit-box-shadow:4px  
4px 4px 4px rgb(99, 0, 15); box-shadow:4px  
4px 4px 4px rgb(99, 0, 15) }
```

Background

The CSS property to change the background color of an element to YIQ 31.3110, 54.1890, 25.6530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 0, 15) }
```

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

```
.background{ background-color: rgb(99, 0,  
15) }
```

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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