

Converting Colors

YIQ(15.2210, 27.5990, 11.9430)

Have a look what the booklet for
YIQ(15.2210, 27.5990, 11.9430)
contains.

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Color

**YIQ(15.2210, 27.5990,
11.9430)**

Conversions

Conversions Part 1

Format	Color
Hex	310005
RGB	49, 0, 5
RGB Percent	19%, 0%, 2%
CMY	0.8077, 1.0000, 0.9803
CMYK	0.00, 1.00, 0.90, 0.81
HSL	354°, 100%, 10%
HSV	354°, 100%, 19%
XYZ	1.2956, 0.6647, 0.2044
YIQ	15.2210, 27.5990, 11.9430

Conversions

Conversions Part 2

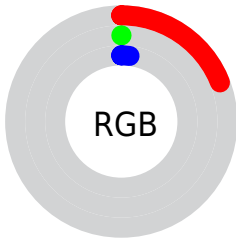
Format	Color
R_YB	49, 0, 5
Decimal	3211269
CIE Lab	6.00, 24.59, 7.43
CIE LCh	6, 25.691, 16.809
Yxy	0.6647, 0.5985, 0.3071
Android (android.graphics.Color)	4281401349 (0xFF310005)
YUV	15.2210, -5.0390, 29.6242
Hunter-Lab	8.1532, 14.0977, 4.2210

Details

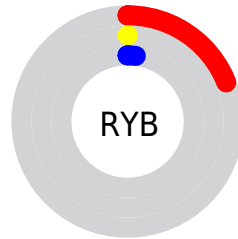
The YIQ color **15.2210, 27.5990, 11.9430** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **33.7790, -27.5990, -11.9430**, and the grayscale version is **15.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **61.5310, 29.6620, 13.1020**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **15.2210, 27.5990, 11.9430**, and if you desaturate by 10%, it is **18.6120, 24.9400, 10.5720**.

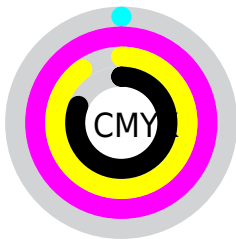
Distribution



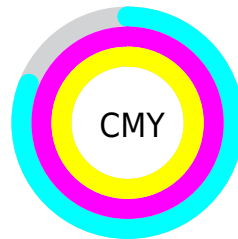
- Red (19%)
- Green (0%)
- Blue (2%)



- Red (19%)
- Yellow (0%)
- Blue (2%)



- Cyan (0%)
- Magenta (100%)
- Yellow (90%)
- Black (81%)





- Cyan (81%)
- Magenta (100%)
- Yellow (98%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 15.2210, 27.5990, 11.9430 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 15.2210, 27.5990, 11.9430 by changing the saturation by 10% instead.

 15.2210, 27.5990,
11.9430


 15.2210, 27.5990,
11.9430


 235.1270, 16.0000,
7.3920


 5.3820, 10.7280,
3.8160


 61.5310, 29.6620,
13.1020

 0.0000, 0.0000,
0.0000

 86.0150, 31.1750,
13.2150


 110.9120, 32.9630,
13.8510


 136.6950, 35.0720,
14.1760


 163.2930, 36.2640,
14.6000


 190.8910, 37.4560,


15.0240


 215.4990, 32.6880,
13.3280


 15.2210, 27.5990,
11.9430

 18.6120, 24.9400,
10.5720

 22.1170, 21.9600,
9.5120

 25.5080, 19.3010,
8.1410

 29.0130, 16.3210,
7.0810

 32.4040, 13.6620,
5.7100

■ 35.2080, 11.2780,
4.8620

■ 38.7130, 8.2980,
3.8020

■ 42.1040, 5.6390,
2.4310

■ 45.6090, 2.6590,
1.3710

Harmonies

Analogous

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



17.2340, 17.5570, 17.7250



15.2210, 27.5990, 11.9430



17.2650, 24.2990, 5.6670

Triad

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



15.2210, 27.5990, 11.9430



15.8490, -7.4250, -14.1210



20.0160, -23.2920, 3.6200

Complementary

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



15.2210, 27.5990, 11.9430



33.7790, -27.5990, -11.9430

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.



21.4520, -21.8240, -0.9600



15.2210, 27.5990, 11.9430



17.8210, -10.2220, -12.9900

Square

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



15.2210, 27.5990, 11.9430



17.1000, 2.2940, -8.5380



20.9160, -17.5590, -6.6710



16.4940, -21.6420, 6.7580

Rectangle

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



15.2210, 27.5990, 11.9430



18.6940, 18.4770, 1.0450



20.9160, -17.5590, -6.6710



20.9620, -23.2000, 1.9520

Sweetspot

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



15.2210, 27.5990, 11.9430



50.9090, 10.6820, 4.6500



18.4430, 9.8990, 24.3550



24.7020, 6.8310, 2.8550



161.0000, -0.0000, -0.0000



33.0000, -0.0000, -0.0000

Same Dimension

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



15.2210, 27.5990, 11.9430



19.9340, 35.8970, 15.7450



25.8040, 23.9790, 0.4510



23.8970, 1.7880, 0.6360



27.6370, 50.1550, 21.6670



67.3910, 122.2700, 52.8460

Inverse Universe

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



15.2210, 27.5990, 11.9430



19.9340, 35.8970, 15.7450



23.1960, -23.9790, -0.4510



23.8970, 1.7880, 0.6360



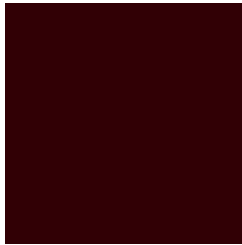
27.6370, 50.1550, 21.6670



67.3910, 122.2700, 52.8460

Previews

White Background



This preview shows how the YIQ color 15.2210, 27.5990, 11.9430 looks on a white background.

Color Contrast Check

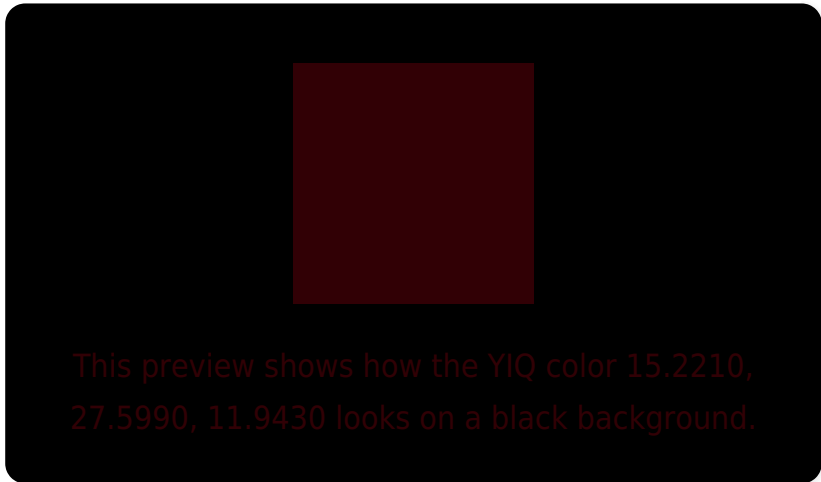
Large Text (above 18pt) WCAG AA ✓ Pass

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

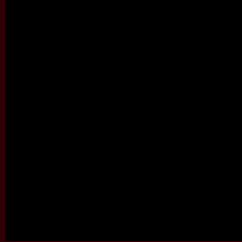
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 15.2210, 27.5990, 11.9430

Background



This preview shows how black text looks on a background with the YIQ color 15.2210, 27.5990, 11.9430.

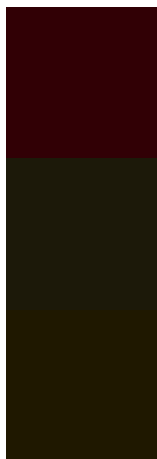


This preview shows how white text looks on a background with the YIQ color 15.2210, 27.5990,

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

15.2210, 27.5990, 11.9430

Protanopia

24.0730, 6.9240, -4.3400

Deuteranopia

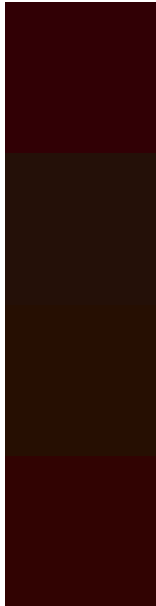
23.3570, 11.8760, -5.9800



Tritanopia

16.9990, 28.1040, 8.2960

Trichromacy



Original Color

15.2210, 27.5990, 11.9430

Protanomaly

21.0680, 14.4880, 1.7520

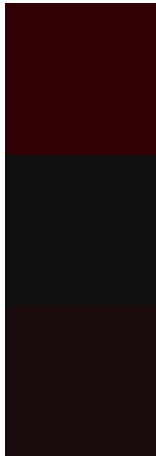
Deuteranomaly

20.3950, 17.8810, 0.8330

Tritanomaly

16.6400, 27.7370, 9.4410

Monochromacy



Original Color

15.2210, 27.5990, 11.9430

Achromatopsia

15.0000, -0.0000, -0.0000

Achromatomaly

15.1970, 9.8110, 3.9150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 15.2210, 27.5990, 11.9430 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(49, 0, 5)` looks like.

```
.text, #text, p{  
    color:rgb(49, 0, 5)  
}
```

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(49, 0, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 0, 5) }
```

Border

The CSS property to change the border of an element to YIQ 15.2210, 27.5990, 11.9430 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(49, 0, 5) }
```


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

```
.border{ border-color:rgb(49, 0, 5) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 0, 5)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 0, 5); -webkit-box-shadow:4px  
4px 4px 4px rgb(49, 0, 5); box-shadow:4px  
4px 4px 4px rgb(49, 0, 5) }
```

Background

The CSS property to change the background color of an element to YIQ 15.2210, 27.5990, 11.9430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 0, 5) }
```

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

```
.background{ background-color: rgb(49, 0,  
5) }
```

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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