

Converting Colors

YIQ(25.2300, 49.7430, 18.1190)

Have a look what the booklet for
YIQ(25.2300, 49.7430, 18.1190)
contains.

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Color

**YIQ(25.2300, 49.7430,
18.1190)**

Conversions

Conversions Part 1

Format	Color
Hex	540001
RGB	84, 0, 1
RGB Percent	33%, 0%, 0%
CMY	0.6704, 1.0000, 0.9959
CMYK	0.00, 1.00, 0.99, 0.67
HSL	359°, 100%, 16%
HSV	359°, 100%, 33%
XYZ	3.6665, 1.8895, 0.2016
YIQ	25.2300, 49.7430, 18.1190

Conversions

Conversions Part 2

Format	Color
R_{YB}	84, 0, 1
Decimal	5505025
CIE Lab	14.90, 35.77, 22.80
CIE LCh	15, 42.418, 32.513
Yxy	1.8895, 0.6368, 0.3282
Android (android.graphics.Color)	4283695105 (0xFF540001)
YUV	25.2300, -11.9454, 51.5413
Hunter-Lab	13.7458, 23.5569, 8.7524

Details

The YIQ color **25.2300, 49.7430, 18.1190** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **58.7700, -49.7430, -18.1190**, and the grayscale version is **25.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **79.6170, 52.9070, 15.8430**, and **8.1870, 15.7710, 6.0350** is the 20% darker color. If you saturate the color by 10%, you get **25.2300, 49.7430, 18.1190**, and if you desaturate by 10%, it is **30.8380, 44.9750, 16.4230**.

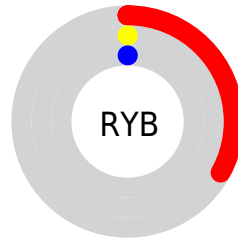
Distribution



Red (33%)

Green (0%)

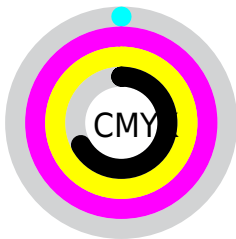
Blue (0%)



Red (33%)

Yellow (0%)

Blue (0%)

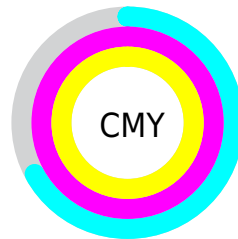


Cyan (0%)

Magenta (100%)

Yellow (99%)

Black (67%)



Cyan (67%)


Magenta (100%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 25.2300, 49.7430, 18.1190 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 25.2300, 49.7430, 18.1190 by changing the saturation by 10% instead.


 25.2300, 49.7430,
18.1190


 25.2300, 49.7430,
18.1190

 244.0630, 12.8840,
-2.2200


 17.0430, 33.9720,
12.0840


 79.6170, 52.9070,
15.8430


 8.1870, 15.7710,
6.0350

 104.5850, 55.9330,
16.0690

 0.0000, 0.0000,
0.0000


 131.5530, 58.9590,
16.2950


 158.3360, 61.0680,
16.6200


 185.4070, 62.3060,
16.2100


 204.3340, 46.2140,


10.4860


 223.8480, 29.8470,
4.2390


 25.2300, 49.7430,
18.1190

 30.8380, 44.9750,
16.4230

 37.1470, 39.6110,
14.5150

 42.7550, 34.8430,
12.8190

 48.9500, 29.8000,
10.6000

 54.6720, 24.7110,
9.2150

■ 60.2800, 19.9430,
7.5190

■ 66.4750, 14.9000,
5.3000

■ 72.0830, 10.1320,
3.6040

■ 78.3920, 4.7680,
1.6960

Harmonies

Analogous

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



30.1170, 40.2960, 29.6400



25.2300, 49.7430, 18.1190



34.7190, 34.5240, 2.0760

Triad

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



25.2300, 49.7430, 18.1190



28.5180, -14.1630, -24.1710



35.2390, -42.7330, 9.0350

Complementary

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



25.2300, 49.7430, 18.1190



58.7700, -49.7430, -18.1190

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.



37.9630, -42.1360, 3.7200



25.2300, 49.7430, 18.1190



33.2090, -25.9940, -13.4980

Square

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



25.2300, 49.7430, 18.1190



29.7150, -4.3520, -20.2560



36.6290, -35.6240, -4.1680



37.0470, -15.4090, 20.4550

Rectangle

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



25.2300, 49.7430, 18.1190



36.1040, 22.8340, -6.3340



36.6290, -35.6240, -4.1680



37.0000, -43.5580, 7.4660

Sweetspot

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



25.2300, 49.7430, 18.1190



86.8670, 19.6680, 6.9960



34.3930, 22.5040, 43.7200



41.9800, 11.9200, 4.2400



184.0000, 0.0000, -0.0000



56.0000, -0.0000, 0.0000

Same Dimension

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



25.2300, 49.7430, 18.1190



33.0040, 65.2390, 23.6310



49.1830, 38.7890, -3.6350



38.1960, 2.3840, 0.8480



31.5090, 62.2590, 22.5710



69.7100, 137.3090, 50.1170

Inverse Universe

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



25.2300, 49.7430, 18.1190



33.0040, 65.2390, 23.6310



34.8170, -38.7890, 3.6350



38.1960, 2.3840, 0.8480



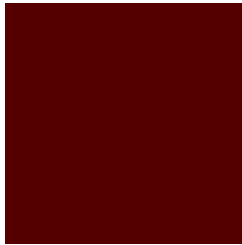
31.5090, 62.2590, 22.5710



69.7100, 137.3090, 50.1170

Previews

White Background



This preview shows how the YIQ color 25.2300, 49.7430, 18.1190 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

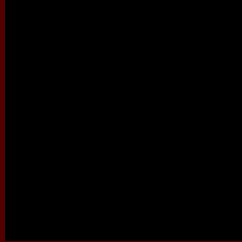
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 25.2300, 49.7430, 18.1190

Background



This preview shows how black text looks on a background with the YIQ color 25.2300, 49.7430, 18.1190.

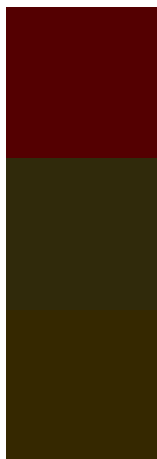


This preview shows how white text looks on a background with the YIQ color 25.2300, 49.7430,

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

25.2300, 49.7430, 18.1190

Protanopia

40.2600, 13.5270, -8.3690

Deuteranopia

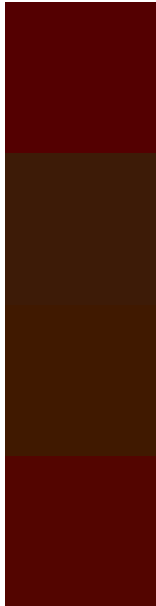
39.3270, 20.5880, -9.6840



Tritanopia

29.5130, 47.2680, 13.4120

Trichromacy



Original Color

25.2300, 49.7430, 18.1190

Protanomaly

34.8860, 26.6840, 0.9880

Deuteranomaly

33.8110, 31.2690, 0.4930

Tritanomaly

27.7520, 48.0930, 14.9810

Monochromacy



Original Color

25.2300, 49.7430, 18.1190

Achromatopsia

25.0000, -0.0000, -0.0000

Achromatomaly

24.9700, 17.8800, 6.3600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 25.2300, 49.7430, 18.1190 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(84, 0, 1)` looks like.

```
.text, #text, p{  
    color:rgb(84, 0, 1)  
}
```

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(84, 0, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 0, 1) }
```

Border

The CSS property to change the border of an element to YIQ 25.2300, 49.7430, 18.1190 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(84, 0, 1) }
```


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

```
.border{ border-color:rgb(84, 0, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 0, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 0, 1); -webkit-box-shadow:4px  
4px 4px 4px rgb(84, 0, 1); box-shadow:4px  
4px 4px 4px rgb(84, 0, 1) }
```

Background

The CSS property to change the background color of an element to YIQ 25.2300, 49.7430, 18.1190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 0, 1) }
```

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

```
.background{ background-color: rgb(84, 0,  
1) }
```

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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