

Converting Colors

YIQ(25.9300, 6.1890, 3.4770)

Have a look what the booklet for
YIQ(25.9300, 6.1890, 3.4770)
contains.

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Color

YIQ(25.9300, 6.1890, 3.4770)

Conversions

Conversions Part 1

Format	Color
Hex	221619
RGB	34, 22, 25
RGB Percent	13%, 9%, 10%
CMY	0.8666, 0.9137, 0.9019
CMYK	0.00, 0.35, 0.26, 0.87
HSL	345°, 21%, 11%
HSV	345°, 35%, 13%
XYZ	1.1223, 0.9841, 1.0508
YIQ	25.9300, 6.1890, 3.4770

Conversions

Conversions Part 2

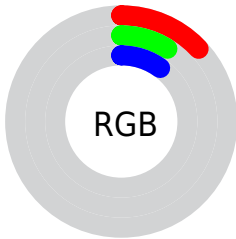
Format	Color
RYB	34, 22, 25
Decimal	2233881
CIELab	8.86, 6.71, 0.28
CIELCh	9, 6.716, 2.365
Yxy	0.9841, 0.3555, 0.3117
Android (android.graphics.Color)	4280423961 (0xFF221619)
YUV	25.9300, -0.4585, 7.0774
Hunter-Lab	9.9199, 2.8346, 0.6634

Details

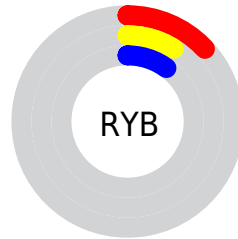
The YIQ color **25.9300, 6.1890, 3.4770** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **30.0700, -6.1890, -3.4770**, and the grayscale version is **26.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **69.5280, 7.3810, 3.9010**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **23.8270, 7.9770, 4.1130**, and if you desaturate by 10%, it is **28.0330, 4.4010, 2.8410**.

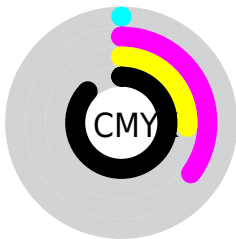
Distribution



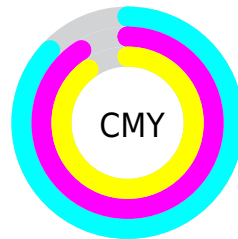
- Red (13%)
- Green (9%)
- Blue (10%)



- Red (13%)
- Yellow (9%)
- Blue (10%)



- Cyan (0%)
- Magenta (35%)
- Yellow (26%)
- Black (87%)



- Cyan (87%)
- Magenta (91%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 25.9300, 6.1890, 3.4770 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 25.9300, 6.1890, 3.4770 by changing the saturation by 10% instead.

■ 25.9300, 6.1890,
3.4770

■ 25.9300, 6.1890,
3.4770

■ 249.8480, 3.4840,
2.9400

■ 1.4950, 2.9800,
1.0600

■ 69.5280, 7.3810,
3.9010

■ 0.0000, 0.0000,
0.0000

■ 92.8270, 7.9770,
4.1130

■ 117.2400, 8.2520,
4.6360

■ 143.1260, 8.5730,
4.3250

■ 169.5390, 8.8480,
4.8480

■ 196.5390, 8.8480,

4.8480

■ 224.8380, 9.4440,
5.0600

■ 25.9300, 6.1890,
3.4770

■ 25.9300, 6.1890,
3.4770

■ 23.8270, 7.9770,
4.1130

■ 28.0330, 4.4010,
2.8410

■ 21.2510, 9.7190,
5.5830

■ 30.6090, 2.6590,
1.3710

■ 19.1480, 11.5070,
6.2190

■ 32.7120, 0.8710,
0.7350

■ 16.5720, 13.2490,
7.6890

■ 35.2880, -0.8710,
-0.7350

■ 14.4690, 15.0370,
8.3250

■ 37.3910, -2.6590,
-1.3710

■ 12.4800, 16.5040,
9.2720

■ 39.3800, -4.1260,
-2.3180

■ 11.1920, 17.3750,
10.0070

■ 42.0700, -6.1890,
-3.4770

■ 44.0590, -7.6560,
-4.4240

■ 46.7490, -9.7190,
-5.5830

Harmonies

Analogous

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



26.0760, 2.8420, 3.5620



25.9300, 6.1890, 3.4770



25.3600, 7.7940, 1.9220

Triad

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



25.9300, 6.1890, 3.4770



24.3760, 1.6970, -3.2230



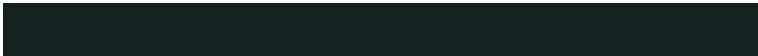
24.0960, -9.0780, -0.6780

Complementary

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



25.9300, 6.1890, 3.4770



30.0700, -6.1890, -3.4770

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.



23.4440, -10.1780, -2.7700



25.9300, 6.1890, 3.4770



23.6250, -3.4380, -3.7740

Square

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



25.9300, 6.1890, 3.4770



25.0560, 5.5940, -2.2620



23.4720, -7.3810, -3.9010



24.5310, -5.8690, 1.7390

Rectangle

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



25.9300, 6.1890, 3.4770



25.4200, 7.5650, 0.5650



23.4720, -7.3810, -3.9010



23.6830, -9.3530, -1.2010

Sweetspot

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



25.9300, 6.1890, 3.4770



40.3100, 2.0630, 1.1590



26.0590, 1.5120, 5.6400



21.0110, 1.4670, 0.9470



150.0000, -0.0000, -0.0000



23.0000, 0.0000, -0.0000

Same Dimension

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



25.9300, 6.1890, 3.4770



30.9520, 9.1230, 5.3710



27.3490, 6.3270, 0.9750



16.7120, 0.8710, 0.7350



26.7980, 42.4520, 23.6040



68.4190, 107.8720, 60.4800

Inverse Universe

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



25.9300, 6.1890, 3.4770



30.9520, 9.1230, 5.3710



28.6510, -6.3270, -0.9750



16.7120, 0.8710, 0.7350



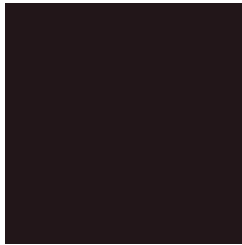
26.7980, 42.4520, 23.6040



68.4190, 107.8720, 60.4800

Previews

White Background



This preview shows how the YIQ color 25.9300, 6.1890, 3.4770 looks on a white background.

Color Contrast Check

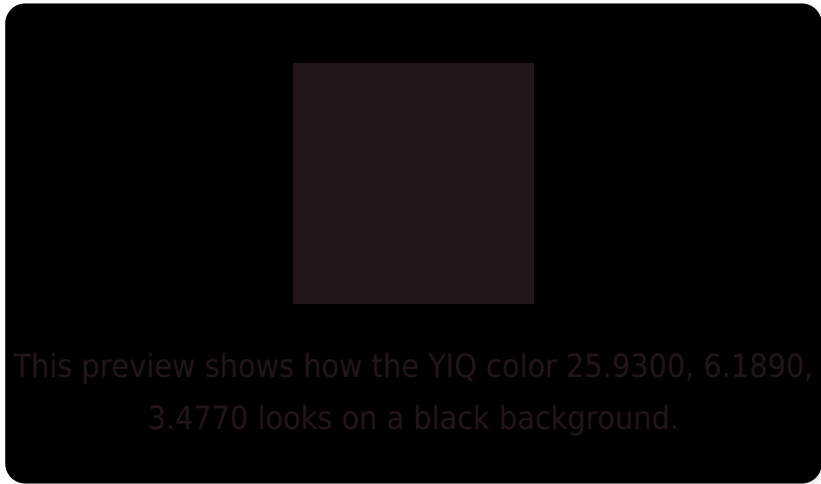
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.9300, 6.1890, 3.4770

Background



This preview shows how black text looks on a background with the YIQ color 25.9300, 6.1890, 3.4770.

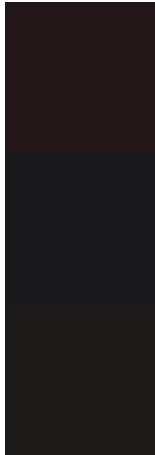


This preview shows how white text looks on a background with the YIQ color 25.9300, 6.1890, 3.4770.

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

25.9300, 6.1890, 3.4770

Protanopia

25.2280, -0.6420, 0.6220

Deuteranopia

25.8970, 1.7880, 0.6360



Tritanopia

25.8160, 6.5100, 3.1660

Trichromacy



Original Color

25.9300, 6.1890, 3.4770

Protanomaly

25.4240, 1.7420, 1.4700

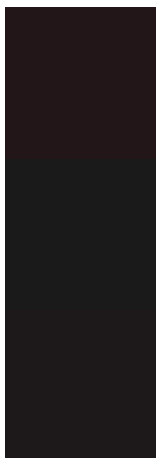
Deuteranomaly

25.9080, 3.2550, 1.5830

Tritanomaly

25.8160, 6.5100, 3.1660

Monochromacy



Original Color

25.9300, 6.1890, 3.4770

Achromatopsia

26.0000, -0.0000, -0.0000

Achromatomaly

26.3100, 2.0630, 1.1590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 25.9300, 6.1890, 3.4770 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(34, 22, 25)` looks like.

```
.text, #text, p{  
    color:rgb(34, 22, 25)  
}
```

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(34, 22, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 22, 25) }
```

Border

The CSS property to change the border of an element to YIQ 25.9300, 6.1890, 3.4770 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(34, 22, 25) }
```

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

```
.border{ border-color:rgb(34, 22, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 22, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 22, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 22, 25);  
box-shadow:4px 4px 4px 4px rgb(34, 22, 25)  
}
```


Background

The CSS property to change the background color of an element to YIQ 25.9300, 6.1890, 3.4770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 22, 25) }
```

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

```
.background{ background-color: rgb(34, 22,  
25) }
```

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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