

Converting Colors

YIQ(25.6480, 6.9230, 1.1870)

Have a look what the booklet for
YIQ(25.6480, 6.9230, 1.1870)
contains.

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Color

YIQ(25.6480, 6.9230, 1.1870)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------|
| Hex | 211714 |
| RGB | 33, 23, 20 |
| RGB Percent | 13%, 9%, 8% |
| CMY | 0.8706, 0.9098, 0.9215 |
| CMYK | 0.00, 0.30, 0.39, 0.87 |
| HSL | 14°, 25%, 10% |
| HSV | 14°, 39%, 13% |
| XYZ | 1.0600, 0.9866, 0.7967 |
| YIQ | 25.6480, 6.9230, 1.1870 |

Conversions

Conversions Part 2

| Format | Color |
|-------------------------------------|--|
| RYB | 33, 24, 20 |
| Decimal | 2168596 |
| CIELab | 8.88, 4.47, 3.91 |
| CIELCh | 9, 5.943, 41.178 |
| Yxy | 0.9866, 0.3728, 0.3470 |
| Android (android.graphics.Color) | 4280358676 (0xFF211714) |
| YUV | 25.6480, -2.7845, 6.4477 |
| Hunter-Lab | 9.9327, 1.6675, 2.1970 |

Details

The YIQ color **25.6480, 6.9230, 1.1870** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **27.3520, -6.9230, -1.1870**, and the grayscale version is **26.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **68.8330, 7.8400, 1.0880**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **23.5450, 8.7110, 1.8230**, and if you desaturate by 10%, it is **27.7510, 5.1350, 0.5510**.

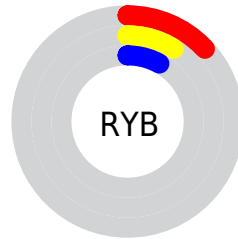
Distribution



 Red (13%)

 Green (9%)

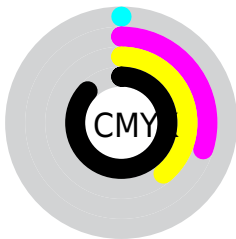
 Blue (8%)



 Red (13%)

 Yellow (9%)

 Blue (8%)

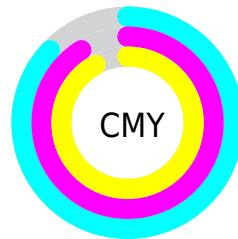


 Cyan (0%)

 Magenta (30%)

 Yellow (39%)

 Black (87%)



 Cyan (87%)

 Magenta (91%)

 Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 25.6480, 6.9230, 1.1870 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 25.6480, 6.9230, 1.1870 by changing the saturation by 10% instead.

■ 25.6480, 6.9230,
1.1870

■ 25.6480, 6.9230,
1.1870

■ 250.2240, 5.1810,
-0.2830

■ 0.0000, 0.0000,
0.0000

■ 68.8330, 7.8400,
1.0880

■ 92.4310, 9.0320,
1.5120

■ 116.8440, 9.3070,
2.0350

■ 142.7300, 9.6280,
1.7240

■ 168.7300, 9.6280,
1.7240

■ 196.0290, 10.2240,

1.9360

■ 224.0290, 10.2240,
1.9360

■ 25.6480, 6.9230,
1.1870

■ 25.6480, 6.9230,
1.1870

■ 23.5450, 8.7110,
1.8230

■ 27.7510, 5.1350,
0.5510

■ 21.9150, 10.5450,
1.6250

■ 29.3810, 3.3010,
0.7490

■ 19.8120, 12.3330,
2.2610

■ 31.4840, 1.5130,
0.1130

■ 18.2960, 13.8460,
2.3740

■ 33.0000, -0.0000,
-0.0000

■ 16.1930, 15.6340,
3.0100

■ 35.2170, -2.1090,
-0.3250

■ 14.5630, 17.4680,
2.8120

■ 36.7330, -3.6220,
-0.4380

■ 38.8360, -5.4100,
-1.0740

■ 40.3520, -6.9230,
-1.1870

■ 42.5690, -9.0320,
-1.5120

Harmonies

Analogous

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



25.5170, 5.9140, 2.9540



25.6480, 6.9230, 1.1870



25.2950, 6.4190, -0.6930

Triad

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



25.6480, 6.9230, 1.1870



23.8530, -4.0800, -3.1520



25.3140, -3.7600, 2.0640

Complementary

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



25.6480, 6.9230, 1.1870



27.3520, -6.9230, -1.1870

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.



24.4060, -7.0150, 0.4810



25.6480, 6.9230, 1.1870



23.9990, -7.4270, -3.0670

Square

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



25.6480, 6.9230, 1.1870



24.5930, -0.4120, -3.5480



23.7540, -8.1150, -1.6110



25.9940, 0.1370, 3.0250

Rectangle

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



25.6480, 6.9230, 1.1870



24.9850, 4.3560, -1.8520



23.7540, -8.1150, -1.6110



25.3030, -5.2270, 1.1170

Sweetspot

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



25.6480, 6.9230, 1.1870



40.0820, 2.7050, 0.5370



25.0270, 4.5380, 5.8660



20.8970, 1.7880, 0.6360



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.



25.6480, 6.9230, 1.1870



31.9150, 10.5450, 1.6250



29.1700, 5.2730, -1.9510



14.2990, 0.5960, 0.2120



34.1870, 42.1340, 7.3340



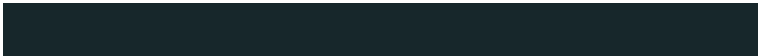
89.4820, 110.4470, 19.3030

Inverse Universe

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



27.3520, -6.9230, -1.1870



34.6720, -10.8200, -2.1480



23.8300, -5.2730, 1.9510



14.7010, -0.5960, -0.2120



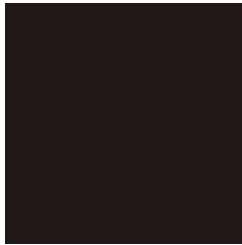
44.8130, -42.1340, -7.3340



116.9310, -110.1720, -18.7800

Previews

White Background



This preview shows how the YIQ color 25.6480, 6.9230, 1.1870 looks on a white background.

Color Contrast Check

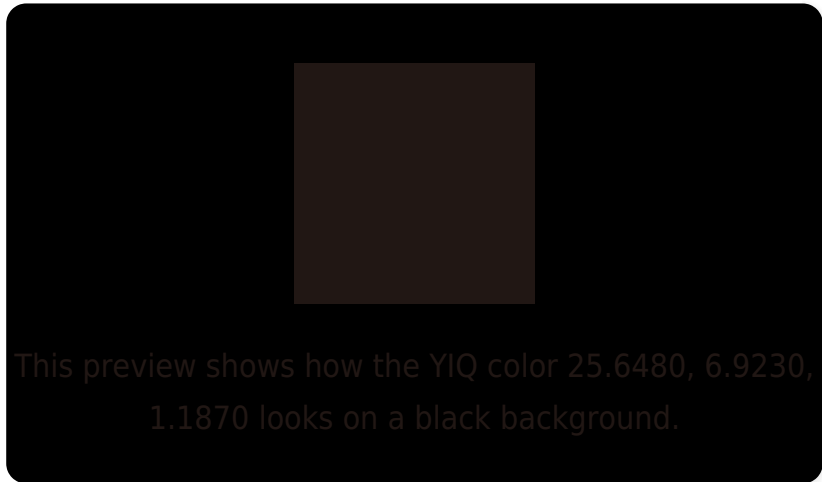
Large Text (above 18pt) WCAG AA ✓ Pass

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

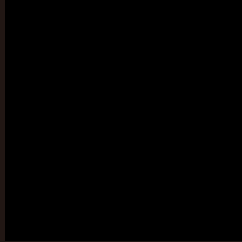
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 25.6480, 6.9230, 1.1870

Background



This preview shows how black text looks on a background with the YIQ color 25.6480, 6.9230, 1.1870.



This preview shows how white text looks on a background with the YIQ color 25.6480, 6.9230, 1.1870.

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

25.6480, 6.9230, 1.1870

Protanopia

25.1420, 2.4760, -0.8200

Deuteranopia

25.3380, 4.8600, 0.0280



Tritanopia

25.5170, 5.9140, 2.9540

Trichromacy



Original Color

25.6480, 6.9230, 1.1870

Protanomaly

25.1530, 3.9430, 0.1270

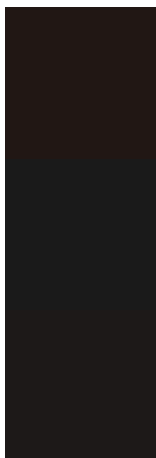
Deuteranomaly

25.6370, 5.4560, 0.2400

Tritanomaly

25.4030, 6.2350, 2.6430

Monochromacy



Original Color

25.6480, 6.9230, 1.1870

Achromatopsia

26.0000, -0.0000, -0.0000

Achromatomaly

26.0820, 2.7050, 0.5370

CSS Examples

Text

The CSS property to change the color of the text to YIQ 25.6480, 6.9230, 1.1870 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(33, 23, 20)` looks like.

```
.text, #text, p{  
    color:rgb(33, 23, 20)  
}
```

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(33, 23, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 23, 20) }
```

Border

The CSS property to change the border of an element to YIQ 25.6480, 6.9230, 1.1870 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(33, 23, 20) }
```

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

```
.border{ border-color:rgb(33, 23, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 23, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 23, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 23, 20);  
box-shadow:4px 4px 4px 4px rgb(33, 23, 20)  
}
```


Background

The CSS property to change the background color of an element to YIQ 25.6480, 6.9230, 1.1870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 23, 20) }
```

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

```
.background{ background-color: rgb(33, 23,  
20) }
```

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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