

Converting Colors

YIQ(25.6680, -21.0510, 34.6050)

Have a look what the booklet for
YIQ(25.6680, -21.0510, 34.6050)
contains.

YIQ(25.6680, -21.0510, 34.6050)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(25.6680, -21.0510,
34.6050)**

Conversions

Conversions Part 1

Format	Color
Hex	1B096C
RGB	27, 9, 108
RGB Percent	11%, 4%, 42%
CMY	0.8940, 0.9647, 0.5766
CMYK	0.75, 0.92, 0.00, 0.58
HSL	251°, 85%, 23%
HSV	251°, 92%, 42%
XYZ	3.2549, 1.5104, 14.2959
YIQ	25.6680, -21.0510, 34.6050

Conversions

Conversions Part 2

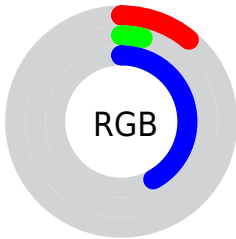
Format	Color
RYB	27, 9, 108
Decimal	1771884
CIELab	12.67, 38.77, -52.21
CIELCh	13, 65.035, 306.597
Yxy	1.5104, 0.1708, 0.0792
Android (android.graphics.Color)	4279961964 (0xFF1B096C)
YUV	25.6680, 40.5897, 1.1682
Hunter-Lab	12.2900, 25.7670, -60.3645




Details

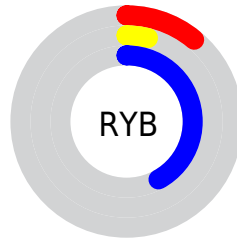
The YIQ color **25.6680, -21.0510, 34.6050** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **91.3320, 21.0510, -34.6050**, and the grayscale version is **25.0000, -0.0000, -0.0000**.




A 20% lighter version of the original color is **76.9400, -15.8250, 39.0150**, and **6.7260, -18.9390, 18.3490** is the 20% darker color. If you saturate the color by 10%, you get **18.2920, -22.7480, 37.8280**, and if you desaturate by 10%, it is **34.8160, -18.7120, 30.7600**.

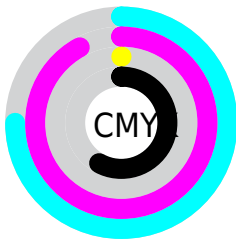
Distribution







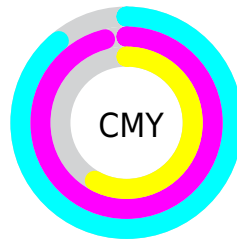
-  Red (11%)
-  Green (4%)
-  Blue (42%)






-  Red (11%)
-  Yellow (4%)
-  Blue (42%)



-  Cyan (75%)
-  Magenta (92%)
-  Yellow (0%)
-  Black (58%)



-  Cyan (89%)
-  Magenta (96%)
-  Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 25.6680, -21.0510, 34.6050 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 25.6680, -21.0510, 34.6050 by changing the saturation by 10% instead.

■ 25.6680, -21.0510,
34.6050

■ 25.6680, -21.0510,
34.6050

■ 246.7820, 3.8500,
7.3220

■ 9.4620, -26.6430,
25.8130

■ 76.9400, -15.8250,
39.0150

■ 6.7260, -18.9390,
18.3490

■ 102.4780,
-14.4040, 40.7960

■ 5.2780, -12.1060,
10.1500

■ 128.7170,
-13.5790, 42.3650

■ 1.3680, -3.8520,
3.7320

■ 155.6570,
-13.3500, 43.7220


■ 0.0000, 0.0000,
0.0000


■ 180.4310, -7.0220,
39.1700


■ 204.9510, 2.8370,


31.1970


 229.7590, 11.8250,
22.4890


 25.6680, -21.0510,
34.6050


 25.6680, -21.0510,
34.6050


 18.2920, -22.7480,
37.8280

 34.8160, -18.7120,
30.7600

 43.9640, -16.3730,
26.9150

 52.5250, -13.7590,
23.5930

 61.3740, -12.0160,
19.5360

 70.5220, -9.6770,
15.6910

■ 79.6700, -7.3380,
11.8460

■ 88.8180, -4.9990,
8.0010

■ 97.3790, -2.3850,
4.6790

■ 106.2280, -0.6420,
0.6220

Harmonies

Analogous

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



37.3710, -51.4920, 19.1000



25.6680, -21.0510, 34.6050



34.5910, 30.5740, 40.6380

Triad

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



25.6680, -21.0510, 34.6050



27.6750, 37.8240, 8.3520



32.9640, -26.6820, -12.0420

Complementary

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



25.6680, -21.0510, 34.6050



91.3320, 21.0510, -34.6050

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.



27.5890, -12.9250, -24.5810



25.6680, -21.0510, 34.6050



30.4120, 10.0430, -11.3090

Square

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



25.6680, -21.0510, 34.6050



27.8070, 55.4280, 19.7160



25.2410, -11.8250, -22.4890



39.2680, -41.6770, 0.9070

Rectangle

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



25.6680, -21.0510, 34.6050



35.0580, 47.9520, 34.0640



25.2410, -11.8250, -22.4890



30.5530, -21.2710, -16.4950

Sweetspot

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



25.6680, -21.0510, 34.6050



107.5390, -8.3470, 13.6130



68.4200, -54.3290, -12.0970



51.2310, -4.7240, 8.5240



199.0000, -0.0000, 0.0000



71.0000, -0.0000, -0.0000

Same Dimension

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



25.6680, -21.0510, 34.6050



23.7340, -29.4440, 49.0520



40.0200, 7.5570, 44.7810



48.9830, -1.3300, 2.0780



19.6170, -25.0410, 40.8390



41.3850, -51.8250, 85.7350

Inverse Universe

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



47.8350, 33.0030, 46.1790



54.9700, 46.5250, 65.4450



76.9800, -7.5570, -44.7810



50.3640, 1.9710, 2.8270



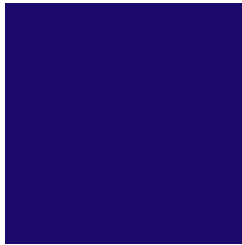
45.9270, 38.9160, 54.6600



96.0550, 81.8200, 114.1400

Previews

White Background



This preview shows how the YIQ color 25.6680, -21.0510, 34.6050 looks on a white background.

Color Contrast Check

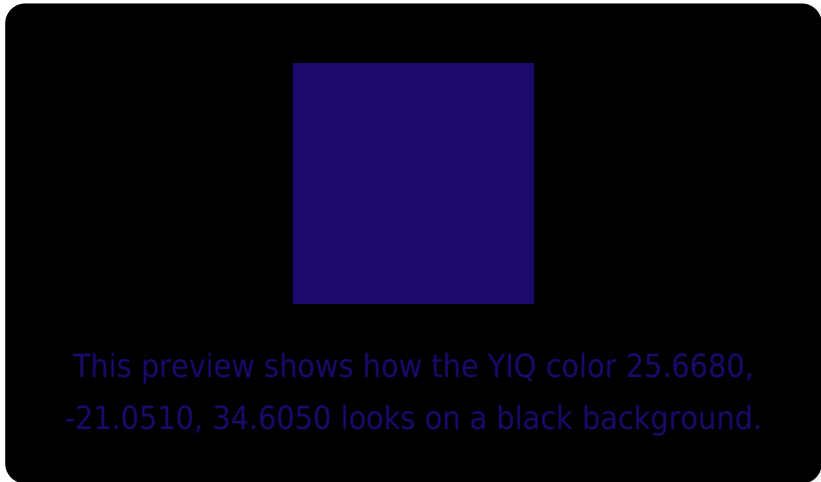
Large Text (above 18pt) WCAG AA ✓ Pass

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

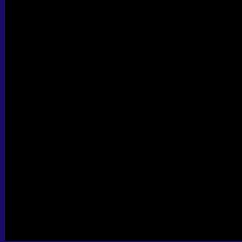
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 25.6680, -21.0510, 34.6050

Background



This preview shows how black text looks on a background with the YIQ color 25.6680, -21.0510, 34.6050.



This preview shows how white text looks on a background with the YIQ color 25.6680, -21.0510,

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

25.6680, -21.0510, 34.6050

Protanopia

28.1660, -32.4620, 4.6100

Deuteranopia

28.0860, -29.4810, 0.1430



Tritanopia

27.5670, -23.8860, -7.6460

Trichromacy



Original Color

25.6680, -21.0510, 34.6050

Protanomaly

27.3550, -28.2000, 15.4800

Deuteranomaly

27.1440, -26.2280, 12.7800

Tritanomaly

26.8360, -22.6050, 7.6910

Monochromacy



Original Color

25.6680, -21.0510, 34.6050

Achromatopsia

26.0000, -0.0000, -0.0000

Achromatomaly

25.8980, -7.9800, 12.4680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 25.6680, -21.0510, 34.6050 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(27, 9, 108)` looks like.

```
.text, #text, p{  
    color:rgb(27, 9, 108)  
}
```

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(27, 9, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 9, 108) }
```

Border

The CSS property to change the border of an element to YIQ 25.6680, -21.0510, 34.6050 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(27, 9, 108) }
```


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

```
.border{ border-color:rgb(27, 9, 108) }
```

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

Here you see how a box with a 4 pixel rgb(27, 9, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 9, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 9, 108);  
box-shadow:4px 4px 4px 4px rgb(27, 9, 108)  
}
```

Background

The CSS property to change the background color of an element to YIQ 25.6680, -21.0510, 34.6050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 9, 108) }
```

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

```
.background{ background-color: rgb(27, 9,  
108) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor