

Converting Colors

YIQ(28.4560, -26.5060, 28.8380)

Have a look what the booklet for
YIQ(28.4560, -26.5060, 28.8380)
contains.

YIQ(28.4560, -26.5060, 28.8380)	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(28.4560, -26.5060,
28.8380)**

Conversions

Conversions Part 1

Format	Color
Hex	15116B
RGB	21, 17, 107
RGB Percent	8%, 7%, 42%
CMY	0.9176, 0.9333, 0.5806
CMYK	0.80, 0.84, 0.00, 0.58
HSL	243°, 73%, 24%
HSV	243°, 84%, 42%
XYZ	3.1615, 1.6211, 14.0439
YIQ	28.4560, -26.5060, 28.8380

Conversions

Conversions Part 2

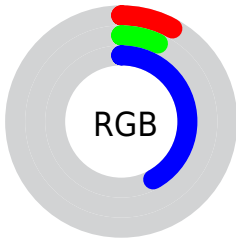
Format	Color
R_{YB}	21, 17, 107
Decimal	1380715
CIE _{Lab}	13.36, 34.26, -50.43
CIE _{LCh}	13, 60.969, 304.188
Yxy	1.6211, 0.1679, 0.0861
Android (android.graphics.Color)	4279570795 (0xFF15116B)
YUV	28.4560, 38.7222, -6.5389
Hunter-Lab	12.7321, 22.0426, -56.4862

Details

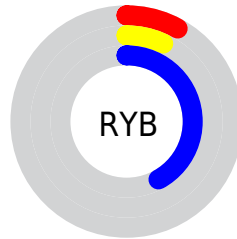
The YIQ color **28.4560, -26.5060, 28.8380** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **95.5440, 26.5060, -28.8380**, and the grayscale version is **28.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **79.0380, -19.2170, 34.4070**, and **7.1990, -18.8930, 17.5150** is the 20% darker color. If you saturate the color by 10%, you get **19.0090, -29.4410, 32.4710**, and if you desaturate by 10%, it is **37.9030, -23.5710, 25.2050**.

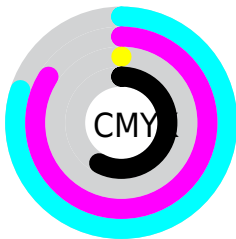
Distribution



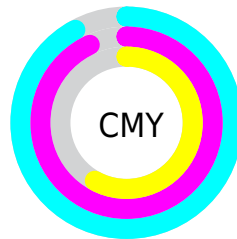
- Red (8%)
- Green (7%)
- Blue (42%)



- Red (8%)
- Yellow (7%)
- Blue (42%)



- Cyan (80%)
- Magenta (84%)
- Yellow (0%)
- Black (58%)



- Cyan (92%)
- Magenta (93%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 28.4560, -26.5060, 28.8380 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 28.4560, -26.5060, 28.8380 by changing the saturation by 10% instead.

■ 28.4560, -26.5060,
28.8380

■ 28.4560, -26.5060,
28.8380

■ 249.7170, 2.4750,
4.7070

■ 9.3480, -26.3220,
25.5020

■ 79.0380, -19.2170,
34.4070

■ 7.1990, -18.8930,
17.5150

■ 103.8040,
-18.4380, 36.8100

■ 5.2780, -12.1060,
10.1500

■ 130.0430,
-17.6130, 38.3790

■ 1.2540, -3.5310,
3.4210

■ 156.9830,
-17.3840, 39.7360

■ 0.0000, 0.0000,
0.0000

■ 181.8710,
-11.3770, 35.4950

■ 206.3910, -1.5180,

27.5220

231.7970, 8.6620,
19.2380

28.4560, -26.5060,
28.8380

28.4560, -26.5060,
28.8380

19.0090, -29.4410,
32.4710

37.9030, -23.5710,
25.2050

13.6930, -31.3670,
34.3370

46.7630, -20.3610,
22.0950

56.5090, -16.8300,
18.6740

65.9560, -13.8950,
15.0410

74.8160, -10.6850,
11.9310

■ 84.2630, -7.7500,
8.2980

■ 94.0090, -4.2190,
4.8770

■ 103.4560, -1.2840,
1.2440

■ 112.3160, 1.9260,
-1.8660

Harmonies

Analogous

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



37.5020, -50.4830, 17.3330



28.4560, -26.5060, 28.8380



33.6230, 27.5480, 40.4120

Triad

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



28.4560, -26.5060, 28.8380



28.8600, 38.7410, 8.2530



33.7960, -26.2690, -14.0210

Complementary

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



28.4560, -26.5060, 28.8380



95.5440, 26.5060, -28.8380

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.



28.1760, -13.2000, -25.1040



28.4560, -26.5060, 28.8380



32.2060, 13.6190, -10.0370

Square

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



28.4560, -26.5060, 28.8380



28.1060, 56.0240, 19.9280



25.8280, -12.1000, -23.0120



38.6980, -40.0720, -0.6480

Rectangle

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



28.4560, -26.5060, 28.8380



34.7310, 44.5590, 34.9830



25.8280, -12.1000, -23.0120



31.4990, -21.1790, -18.1630

Sweetspot

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



28.4560, -26.5060, 28.8380



109.5880, -10.0430, 11.3090



78.3290, -52.8150, -17.5110



52.6930, -6.1450, 6.7430



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.



28.4560, -26.5060, 28.8380



17.7540, -41.3640, 44.8120



41.6120, -0.2820, 38.1660



48.6840, -1.9260, 1.8660



14.8330, -34.5770, 37.4470



31.2190, -72.0890, 78.5270

Inverse Universe

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



53.7140, 26.0340, 45.8260



57.1360, 40.4260, 71.3540



82.3880, 0.2820, -38.1660



50.3640, 1.9710, 2.8270



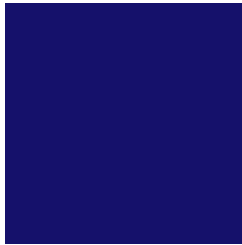
47.7510, 33.7800, 59.6360



99.9310, 70.9060, 124.7140

Previews

White Background



This preview shows how the YIQ color 28.4560, -26.5060, 28.8380 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



This preview shows how the YIQ color 28.4560, -26.5060, 28.8380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

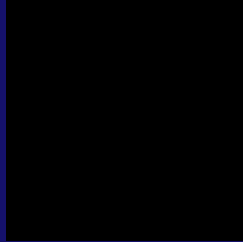
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 28.4560, -26.5060, 28.8380

Background



This preview shows how black text looks on a background with the YIQ color 28.4560, -26.5060, 28.8380.



This preview shows how white text looks on a background with the YIQ color 28.4560, -26.5060,

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

28.4560, -26.5060, 28.8380

Protanopia

28.8670, -33.0580, 4.3980

Deuteranopia

28.7870, -30.0770, -0.0690



Tritanopia

28.2680, -24.4820, -7.8580

Trichromacy



Original Color

28.4560, -26.5060, 28.8380

Protanomaly

28.5180, -30.2170, 13.4870

Deuteranomaly

28.8940, -28.5200, 10.2640

Tritanomaly

28.7000, -25.2180, 5.4860

Monochromacy



Original Color

28.4560, -26.5060, 28.8380

Achromatopsia

28.0000, -0.0000, 0.0000

Achromatomaly

28.0610, -9.9970, 10.4750

CSS Examples

Text

The CSS property to change the color of the text to YIQ 28.4560, -26.5060, 28.8380 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(21, 17, 107)` looks like.

```
.text, #text, p{  
    color:rgb(21, 17, 107)  
}
```

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(21, 17, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 17, 107) }
```

Border

The CSS property to change the border of an element to YIQ 28.4560, -26.5060, 28.8380 is called "border". The border property can be set on classes, ids or directly on the HTML element.

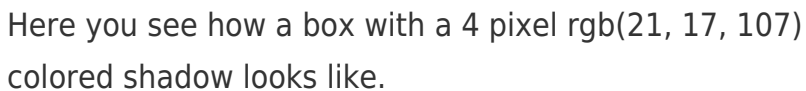
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(21, 17, 107) }
```


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

```
.border{ border-color:rgb(21, 17, 107) }
```

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



Here you see how a box with a 4 pixel `rgb(21, 17, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 17, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 17, 107);  
box-shadow:4px 4px 4px 4px rgb(21, 17,  
107) }
```

Background

The CSS property to change the background color of an element to YIQ 28.4560, -26.5060, 28.8380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 17, 107) }
```

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

```
.background{ background-color: rgb(21, 17,  
107) }
```

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