

Converting Colors

YIQ(101.9960, -28.5670,
16.6250)

Have a look what the booklet for
YIQ(101.9960, -28.5670, 16.6250)
contains.

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Color

**YIQ(101.9960, -28.5670,
16.6250)**

Conversions

Conversions Part 1

Format	Color
Hex	5563A2
RGB	85, 99, 162
RGB Percent	33%, 39%, 64%
CMY	0.6666, 0.6117, 0.3649
CMYK	0.48, 0.39, 0.00, 0.36
HSL	229°, 31%, 48%
HSV	229°, 48%, 64%
XYZ	14.7268, 13.4634, 35.9857
YIQ	101.9960, -28.5670, 16.6250

Conversions

Conversions Part 2

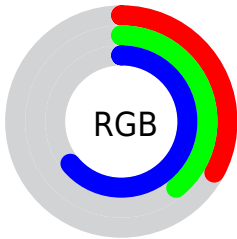
Format	Color
R_{YB}	85, 97, 162
Decimal	5596066
CIE _{Lab}	43.45, 12.29, -35.77
CIE _{LCh}	43, 37.824, 288.956
Yxy	13.4634, 0.2295, 0.2098
Android (android.graphics.Color)	4283786146 (0xFF5563A2)
YUV	101.9960, 29.5820, -14.9055
Hunter-Lab	36.6924, 7.4305, -32.4632

Details

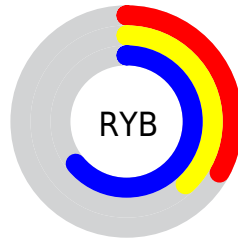
The YIQ color **101.9960, -28.5670, 16.6250** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **145.0040, 28.5670, -16.6250**, and the grayscale version is **102.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **154.3490, -28.0630, 18.5050**, and **52.6210, -32.0050, 12.8510** is the 20% darker color. If you saturate the color by 10%, you get **89.5810, -34.5280, 20.0320**, and if you desaturate by 10%, it is **114.4110, -22.6060, 13.2180**.

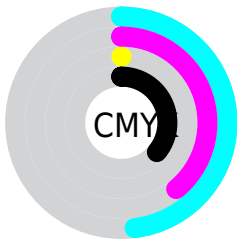
Distribution



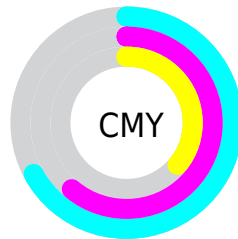
- Red (33%)
- Green (39%)
- Blue (64%)



- Red (33%)
- Yellow (38%)
- Blue (64%)



- Cyan (48%)
- Magenta (39%)
- Yellow (0%)
- Black (36%)



- Cyan (67%)
- Magenta (61%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 101.9960, -28.5670, 16.6250 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 101.9960, -28.5670, 16.6250 by changing the saturation by 10% instead.

■ 101.9960,
-28.5670, 16.6250

■ 101.9960,
-28.5670, 16.6250

■ 255.0000, -0.0000,
-0.0000

■ 76.7570, -29.3920,
15.0560

■ 154.3490,
-28.0630, 18.5050

■ 52.6210, -32.0050,
12.8510

■ 180.9900,
-28.4300, 19.6500

■ 28.4740, -36.0850,
9.6990

■ 206.8240,
-22.3310, 13.7410

■ 12.3510, -22.3770,
14.5750

■ 231.9310,
-12.7470, 5.2450

■ 6.2070, -13.3440,
10.5600

■ 254.1030, -1.7880,
-0.6360

■ 2.4110, -5.4110,
4.4530

■ 0.0000, 0.0000,

0.0000

■ 101.9960,
-28.5670, 16.6250

■ 101.9960,
-28.5670, 16.6250

■ 89.5810, -34.5280,
20.0320

■ 114.4110,
-22.6060, 13.2180

■ 77.1660, -40.4890,
23.4390

■ 127.4130,
-16.9200, 9.2880

■ 63.8650, -46.7710,
27.1570

■ 140.1270,
-10.3630, 6.0930

■ 51.4500, -52.7320,
30.5640

■ 152.5420, -4.4020,
2.6860

■ 39.0350, -58.6930,
33.9710

■ 164.9570, 1.5590,
-0.7210

■ 35.4910, -59.9770,
35.2150

■ 177.9590, 7.2450,
-4.6510

■ 190.3740, 13.2060,
-8.0580

■ 203.0880, 19.7630,
-11.2530

■ 215.5030, 25.7240,
-14.6600

Harmonies

Analogous

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



82.6790, -82.6190, -6.0030



101.9960, -28.5670, 16.6250



105.7680, 7.6060, 27.3660

Triad

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



101.9960, -28.5670, 16.6250



101.7270, 49.2410, 5.1850



79.5260, -61.3400, -33.7240

Complementary

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



101.9960, -28.5670, 16.6250



145.0040, 28.5670, -16.6250

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.



93.1930, -11.8700, -27.1820



101.9960, -28.5670, 16.6250



100.2550, 38.2860, -11.0420

Square

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



101.9960, -28.5670, 16.6250



102.3270, 48.0920, 20.5080



97.5680, 17.9310, -22.1090



83.1740, -71.6120, -23.7720

Rectangle

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



101.9960, -28.5670, 16.6250



104.9890, 26.0370, 29.2450



97.5680, 17.9310, -22.1090



85.7580, -41.4420, -30.8980

Sweetspot

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



101.9960, -28.5670, 16.6250



188.3550, -11.0050, 6.7150



137.3810, -41.3980, -20.6780



92.8130, -6.6030, 4.0290



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



101.9960, -28.5670, 16.6250



117.7080, -44.8910, 26.1250



100.9540, -10.4130, 29.0350



75.2000, -3.4390, 1.7530



31.7920, -53.6950, 31.4970



3.8130, -6.6030, 4.0290

Inverse Universe

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



109.6190, 41.3980, 20.6780



129.6870, 65.0540, 32.4940



146.0460, 10.4130, -29.0350



75.9190, 4.7220, 2.5300



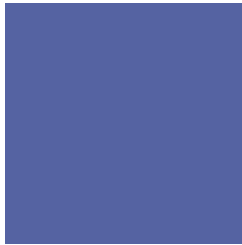
46.3190, 78.0740, 38.8260



5.7240, 9.7650, 4.7490

Previews

White Background



This preview shows how the YIQ color 101.9960, -28.5670, 16.6250 looks on a white background.

Color Contrast Check

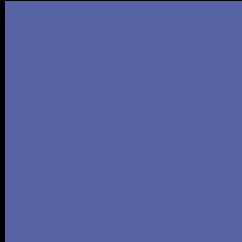
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 101.9960, -28.5670, 16.6250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 101.9960, -28.5670, 16.6250

Background



This preview shows how black text looks on a background with the YIQ color 101.9960, -28.5670, 16.6250.



This preview shows how white text looks on a background with the YIQ color 101.9960, -28.5670,

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

101.9960, -28.5670, 16.6250

Protanopia

100.6040, -33.3350, 14.9290

Deuteranopia

99.4570, -37.4150, 11.7770



Tritanopia

98.2620, -24.3450, -4.8330

Trichromacy



Original Color

101.9960, -28.5670, 16.6250

Protanomaly

101.5010, -31.5470, 15.5650

Deuteranomaly

100.3650, -34.1600, 13.3600

Tritanomaly

99.8200, -25.6760, 2.7720

Monochromacy



Original Color

101.9960, -28.5670, 16.6250

Achromatopsia

102.0000, -0.0000, -0.0000

Achromatomaly

102.1270, -10.3630, 6.0930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 101.9960, -28.5670, 16.6250 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(85, 99, 162)` looks like.

```
.text, #text, p{  
    color:rgb(85, 99, 162)  
}
```

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(85, 99, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 99, 162) }
```

Border

The CSS property to change the border of an element to YIQ 101.9960, -28.5670, 16.6250 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(85, 99, 162) }
```


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

```
.border{ border-color:rgb(85, 99, 162) }
```

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

Here you see how a box with a 4 pixel rgb(85, 99, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 99, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 99, 162);  
box-shadow:4px 4px 4px 4px rgb(85, 99,  
162) }
```

Background

The CSS property to change the background color of an element to YIQ 101.9960, -28.5670, 16.6250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 99, 162) }
```

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

```
.background{ background-color: rgb(85, 99,  
162) }
```

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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