

Converting Colors

YIQ(103.6900, -27.2850,
26.4350)

Have a look what the booklet for
YIQ(103.6900, -27.2850, 26.4350)
contains.

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Color

**YIQ(103.6900, -27.2850,
26.4350)**

Conversions

Conversions Part 1

Format	Color
Hex	5E5EB3
RGB	94, 94, 179
RGB Percent	37%, 37%, 70%
CMY	0.6313, 0.6314, 0.2982
CMYK	0.47, 0.47, 0.00, 0.30
HSL	240°, 36%, 54%
HSV	240°, 47%, 70%
XYZ	16.7524, 13.6387, 44.3739
YIQ	103.6900, -27.2850, 26.4350

Conversions

Conversions Part 2

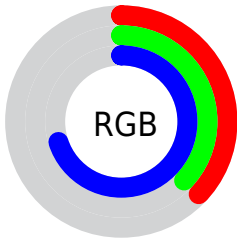
Format	Color
R_{YB}	94, 94, 179
Decimal	6184627
CIE _{Lab}	43.71, 22.97, -45.33
CIE _{LCh}	44, 50.818, 296.868
Yxy	13.6387, 0.2241, 0.1824
Android (android.graphics.Color)	4284374707 (0xFF5E5EB3)
YUV	103.6900, 37.1278, -8.4981
Hunter-Lab	36.9306, 16.3421, -45.3882

Details

The YIQ color **103.6900, -27.2850, 26.4350** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **169.3100, 27.2850, -26.4350**, and the grayscale version is **103.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **155.8690, -26.2310, 29.3610**, and **53.6030, -31.5940, 21.9260** is the 20% darker color. If you saturate the color by 10%, you get **87.7420, -33.0630, 32.0330**, and if you desaturate by 10%, it is **119.6380, -21.5070, 20.8370**.

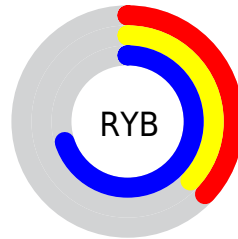
Distribution



Red (37%)

Green (37%)

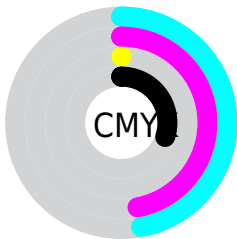
Blue (70%)



Red (37%)

Yellow (37%)

Blue (70%)

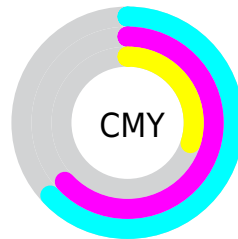


Cyan (47%)

Magenta (47%)

Yellow (0%)

Black (30%)



Cyan (63%)

Magenta (63%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 103.6900, -27.2850, 26.4350 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 103.6900, -27.2850, 26.4350 by changing the saturation by 10% instead.

■ 103.6900,
-27.2850, 26.4350

■ 103.6900,
-27.2850, 26.4350

■ 255.0000, -0.0000,
-0.0000

■ 78.4510, -28.1100,
24.8660

■ 155.8690,
-26.2310, 29.3610

■ 53.6030, -31.5940,
21.9260

■ 182.3700,
-23.3880, 27.3960

■ 27.2490, -39.5250,
16.9790

■ 206.8900,
-13.5290, 19.4230

■ 11.0120, -25.4960,
21.5440

■ 231.9970, -3.9450,
10.9270

■ 8.2760, -17.7920,
14.0800

■ 4.5940, -10.1800,
8.2840

■ 0.0000, 0.0000,

0.0000

■ 103.6900,
-27.2850, 26.4350

■ 103.6900,
-27.2850, 26.4350

■ 87.7420, -33.0630,
32.0330

■ 119.6380,
-21.5070, 20.8370

■ 71.7940, -38.8410,
37.6310

■ 135.5860,
-15.7290, 15.2390

■ 55.8460, -44.6190,
43.2290

■ 151.5340, -9.9510,
9.6410

■ 39.8980, -50.3970,
48.8270

■ 167.4820, -4.1730,
4.0430

■ 24.8360, -55.8540,
54.1140

■ 182.5440, 1.2840,
-1.2440

■ 20.4060, -57.4590,
55.6690

■ 198.4920, 7.0620,
-6.8420

■ 214.4400, 12.8400,
-12.4400

■ 230.3880, 18.6180,
-18.0380

■ 246.3360, 24.3960,
-23.6360

Harmonies

Analogous

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



86.0020, -90.5980, 0.9380



103.6900, -27.2850, 26.4350



105.9750, 20.6250, 39.2250

Triad

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



103.6900, -27.2850, 26.4350



99.7960, 61.9880, -0.0600



83.2590, -64.9620, -34.1620

Complementary

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



103.6900, -27.2850, 26.4350



169.3100, 27.2850, -26.4350

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.



81.0920, -39.9270, -41.8390



103.6900, -27.2850, 26.4350



96.9720, 48.7880, -25.1640

Square

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



103.6900, -27.2850, 26.4350



99.4170, 65.5140, 24.1540



93.5810, 15.9160, -35.1560



88.1610, -78.7650, -20.7890

Rectangle

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



103.6900, -27.2850, 26.4350



102.5340, 43.9160, 41.1320



93.5810, 15.9160, -35.1560



81.0760, -60.1930, -37.9930

Sweetspot

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



103.6900, -27.2850, 26.4350



203.6480, -10.2720, 9.9520



153.5850, -50.6600, -18.0200



99.2800, -6.4200, 6.2200



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



103.6900, -27.2850, 26.4350



115.0480, -42.3720, 41.0520



116.2480, -2.2530, 35.3390



81.0260, -2.8890, 2.7990



17.4420, -49.1130, 47.5830



2.9640, -8.3460, 8.0860

Inverse Universe

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



129.1050, 23.3750, 44.4550



154.5160, 36.3000, 69.0360



156.4530, 1.6570, -35.5510



83.7170, 2.4750, 4.7070



63.1890, 42.0750, 80.0190



10.6240, 7.4710, 13.2870

Previews

White Background



This preview shows how the YIQ color 103.6900, -27.2850, 26.4350 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 103.6900, -27.2850, 26.4350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

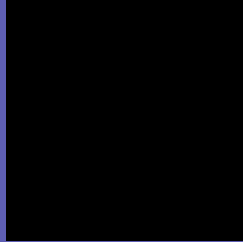
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 103.6900, -27.2850, 26.4350

Background



This preview shows how black text looks on a background with the YIQ color 103.6900, -27.2850, 26.4350.



This preview shows how white text looks on a background with the YIQ color 103.6900, -27.2850,

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

103.6900, -27.2850, 26.4350

Protanopia

98.3280, -49.9330, 18.3790

Deuteranopia

95.5780, -56.8090, 10.8310



Tritanopia

99.4580, -21.9610, -3.9850

Trichromacy



Original Color

103.6900, -27.2850, 26.4350

Protanomaly

100.5140, -41.5890, 21.3470

Deuteranomaly

98.4270, -45.8980, 16.8380

Tritanomaly

101.2380, -23.7970, 7.2670

Monochromacy



Original Color

103.6900, -27.2850, 26.4350

Achromatopsia

104.0000, -0.0000, -0.0000

Achromatomaly

103.5340, -9.9510, 9.6410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 103.6900, -27.2850, 26.4350 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(94, 94, 179)` looks like.

```
.text, #text, p{  
    color:rgb(94, 94, 179)  
}
```

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(94, 94, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 94, 179) }
```

Border

The CSS property to change the border of an element to YIQ 103.6900, -27.2850, 26.4350 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(94, 94, 179) }
```


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

```
.border{ border-color:rgb(94, 94, 179) }
```

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

Here you see how a box with a 4 pixel rgb(94, 94, 179) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 94, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 94, 179);  
box-shadow:4px 4px 4px 4px rgb(94, 94,  
179) }
```

Background

The CSS property to change the background color of an element to YIQ 103.6900, -27.2850, 26.4350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 94, 179) }
```

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

```
.background{ background-color: rgb(94, 94,  
179) }
```

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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