

Converting Colors

YIQ(57.5630, -26.0900, 10.2780)

Have a look what the booklet for
YIQ(57.5630, -26.0900, 10.2780)
contains.

YIQ(57.5630, -26.0900, 10.2780)	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(57.5630, -26.0900,
10.2780)**

Conversions

Conversions Part 1

Format	Color
Hex	273A68
RGB	39, 58, 104
RGB Percent	15%, 23%, 41%
CMY	0.8471, 0.7725, 0.5923
CMYK	0.62, 0.44, 0.00, 0.59
HSL	222°, 45%, 28%
HSV	222°, 62%, 41%
XYZ	4.8469, 4.4569, 13.6921
YIQ	57.5630, -26.0900, 10.2780

Conversions

Conversions Part 2

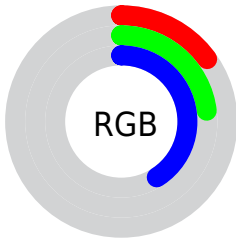
Format	Color
R_YB	39, 54, 104
Decimal	2570856
CIE Lab	25.13, 8.14, -29.29
CIE LCh	25, 30.399, 285.531
Yxy	4.4569, 0.2108, 0.1938
Android (android.graphics.Color)	4280760936 (0xFF273A68)
YUV	57.5630, 22.8934, -16.2798
Hunter-Lab	21.1115, 4.0360, -23.6752




Details

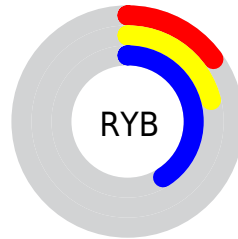
The YIQ color **57.5630, -26.0900, 10.2780** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **85.4370, 26.0900, -10.2780**, and the grayscale version is **57.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **106.3290, -25.3110, 12.6810**, and **15.7760, -22.3760, 9.0480** is the 20% darker color. If you saturate the color by 10%, you get **50.4640, -30.1250, 11.8190**, and if you desaturate by 10%, it is **64.6620, -22.0550, 8.7370**.

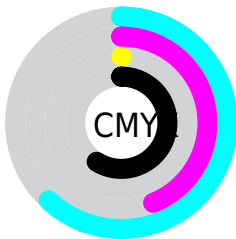
Distribution







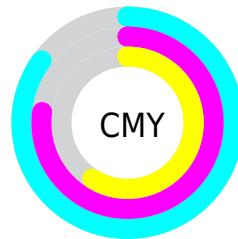
-  Red (15%)
-  Green (23%)
-  Blue (41%)






-  Red (15%)
-  Yellow (21%)
-  Blue (41%)



-  Cyan (62%)
-  Magenta (44%)
-  Yellow (0%)
-  Black (59%)



-  Cyan (85%)
-  Magenta (77%)
-  Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 57.5630, -26.0900, 10.2780 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 57.5630, -26.0900, 10.2780 by changing the saturation by 10% instead.

■ 57.5630, -26.0900,
10.2780

■ 57.5630, -26.0900,
10.2780

■ 255.0000, -0.0000,
-0.0000

■ 33.2310, -31.0870,
7.2250

■ 106.2150,
-24.9900, 12.3700

■ 15.7760, -22.3760,
9.0480

■ 131.7420,
-25.0360, 13.2040

■ 5.0500, -11.4640,
9.5280

■ 158.2690,
-25.0820, 14.0380

■ 1.0260, -2.8890,
2.7990

■ 185.4970,
-25.7240, 14.6600

■ 0.0000, 0.0000,
0.0000

■ 211.5420,
-21.5970, 11.4510

■ 236.6490,

-12.0130, 2.9550

■ 57.5630, -26.0900,
10.2780

■ 57.5630, -26.0900,
10.2780

■ 50.4640, -30.1250,
11.8190

■ 64.6620, -22.0550,
8.7370

■ 42.4790, -34.4810,
13.6710

■ 72.6470, -17.6990,
6.8850

■ 35.3800, -38.5160,
15.2120

■ 79.7460, -13.6640,
5.3440

■ 29.4660, -41.6340,
16.6540

■ 87.1440, -9.0330,
4.0150

■ 94.8300, -5.2730,
1.9510

■ 101.9290, -1.2380,
0.4100

■ 109.3270, 3.3930,
-0.9190

■ 117.0130, 7.1530,
-2.9830

■ 124.4110, 11.7840,
-4.3120

Harmonies

Analogous

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



50.0110, -51.2590, -1.6510



57.5630, -26.0900, 10.2780



61.3880, 2.5640, 19.6200

Triad

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



57.5630, -26.0900, 10.2780



58.3110, 35.8530, 5.5250



46.4480, -34.3370, -21.9930

Complementary

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



57.5630, -26.0900, 10.2780



85.4370, 26.0900, -10.2780

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.



52.4590, -6.5070, -19.7470



57.5630, -26.0900, 10.2780



57.2850, 29.5740, -7.3380

Square

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



57.5630, -26.0900, 10.2780



58.9770, 34.3380, 16.4660



55.5880, 15.1790, -16.2850



49.7710, -42.3160, -15.0520

Rectangle

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



57.5630, -26.0900, 10.2780



60.8690, 17.3270, 21.8950



55.5880, 15.1790, -16.2850



45.6610, -30.6230, -23.2230

Sweetspot

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



57.5630, -26.0900, 10.2780



116.6600, -10.5460, 3.9020



82.2850, -32.3200, -20.0000



57.7590, -6.5110, 2.3610



196.0000, -0.0000, -0.0000



69.0000, -0.0000, -0.0000

Same Dimension

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



57.5630, -26.0900, 10.2780



62.5370, -40.3960, 16.2440



50.2970, -13.1170, 22.9710



47.1570, -1.8800, 1.0320



33.0680, -46.2650, 17.9830



69.2650, -97.2070, 38.1290

Inverse Universe

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



60.6010, 32.6410, 19.6890



67.5050, 50.8870, 30.4310



92.7030, 13.1170, -22.9710



47.6090, 2.6590, 1.3710



38.2610, 57.6260, 34.9540



80.4520, 121.4410, 73.3850

Previews

White Background



This preview shows how the YIQ color 57.5630, -26.0900, 10.2780 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 57.5630, -26.0900, 10.2780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

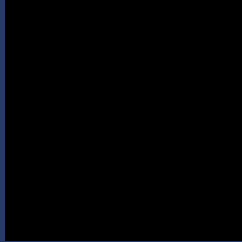
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 57.5630, -26.0900, 10.2780

Background



This preview shows how black text looks on a background with the YIQ color 57.5630, -26.0900, 10.2780.



This preview shows how white text looks on a background with the YIQ color 57.5630, -26.0900,

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

57.5630, -26.0900, 10.2780

Protanopia

57.5630, -26.0900, 10.2780

Deuteranopia

54.1380, -35.2590, 5.7410



Tritanopia

52.8270, -27.5540, -7.2500

Trichromacy



Original Color

57.5630, -26.0900, 10.2780

Protanomaly

57.5630, -26.0900, 10.2780

Deuteranomaly

55.0460, -32.0040, 7.3240

Tritanomaly

54.2280, -27.0050, -0.6770

Monochromacy



Original Color

57.5630, -26.0900, 10.2780

Achromatopsia

58.0000, -0.0000, 0.0000

Achromatomaly

57.8450, -9.6290, 3.8030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 57.5630, -26.0900, 10.2780 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(39, 58, 104)` looks like.

```
.text, #text, p{  
    color:rgb(39, 58, 104)  
}
```

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(39, 58, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 58, 104) }
```

Border

The CSS property to change the border of an element to YIQ 57.5630, -26.0900, 10.2780 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(39, 58, 104) }
```


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

```
.border{ border-color:rgb(39, 58, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 58, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 58, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 58, 104);  
box-shadow:4px 4px 4px 4px rgb(39, 58,  
104) }
```

Background

The CSS property to change the background color of an element to YIQ 57.5630, -26.0900, 10.2780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 58, 104) }
```

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

```
.background{ background-color: rgb(39, 58,  
104) }
```

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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