

Converting Colors

YIQ(116.2780, -30.4420,
-9.9780)

Have a look what the booklet for
YIQ(116.2780, -30.4420, -9.9780)
contains.

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Color

**YIQ(116.2780, -30.4420,
-9.9780)**

Conversions

Conversions Part 1

Format	Color
Hex	518385
RGB	81, 131, 133
RGB Percent	32%, 51%, 52%
CMY	0.6825, 0.4862, 0.4786
CMYK	0.39, 0.01, 0.00, 0.48
HSL	182°, 24%, 42%
HSV	182°, 39%, 52%
XYZ	15.7414, 19.6788, 25.1477
YIQ	116.2780, -30.4420, -9.9780

Conversions

Conversions Part 2

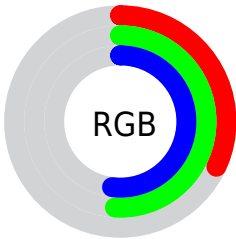
Format	Color
R_{YB}	81, 106, 133
Decimal	5342085
CIE _{Lab}	51.47, -16.25, -6.38
CIE _{LCh}	51, 17.454, 201.433
Yxy	19.6788, 0.2599, 0.3249
Android (android.graphics.Color)	4283532165 (0xFF518385)
YUV	116.2780, 8.2439, -30.9388
Hunter-Lab	44.3608, -14.2910, -2.5583

Details

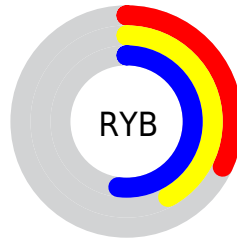
The YIQ color **116.2780, -30.4420, -9.9780** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **97.7220, 30.4420, 9.9780**, and the grayscale version is **116.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **168.9790, -31.0380, -10.1900**, and **66.0930, -31.3590, -9.8790** is the 20% darker color. If you saturate the color by 10%, you get **112.3910, -38.1900, -12.7340**, and if you desaturate by 10%, it is **120.7520, -22.9690, -7.7450**.

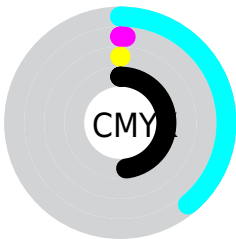
Distribution



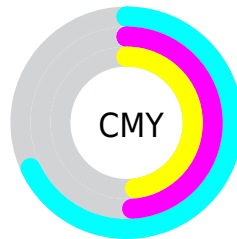
- Red (32%)
- Green (51%)
- Blue (52%)



- Red (32%)
- Yellow (42%)
- Blue (52%)



- Cyan (39%)
- Magenta (1%)
- Yellow (0%)
- Black (48%)



- Cyan (68%)
- Magenta (49%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 116.2780, -30.4420, -9.9780 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 116.2780, -30.4420, -9.9780 by changing the saturation by 10% instead.

■ 116.2780,
-30.4420, -9.9780

■ 116.2780,
-30.4420, -9.9780

■ 255.0000, -0.0000,
-0.0000

■ 91.2780, -30.4420,
-9.9780

■ 168.9790,
-31.0380, -10.1900

■ 66.0930, -31.3590,
-9.8790

■ 196.6800,
-31.6340, -10.4020

■ 40.8860, -35.2100,
-11.6740

■ 224.6800,
-31.6340, -10.4020

■ 25.5780, -22.4190,
-6.6990

■ 243.3390,
-23.2440, -8.2680

■ 8.5090, -8.8030,
-0.1550

■ 252.0100, -5.9600,
-2.1200

■ 0.0000, 0.0000,
0.0000

■ 116.2780,
-30.4420, -9.9780

■ 116.2780,
-30.4420, -9.9780

■ 112.3910,
-38.1900, -12.7340

■ 120.7520,
-22.9690, -7.7450

■ 107.6180,
-46.2590, -15.1790

■ 124.9380,
-14.6250, -4.7770

■ 103.7310,
-54.0070, -17.9350

■ 129.4120, -7.1520,
-2.5440

■ 99.2570, -61.4800,
-20.1680

■ 133.2990, 0.5960,
0.2120

■ 95.0710, -69.8240,
-23.1360

■ 137.7730, 8.0690,
2.4450

■ 90.5970, -77.2970,
-25.3690


■ 141.9590, 16.4130,
5.4130

■ 90.2980, -77.8930,
-25.5810

■ 146.4330, 23.8860,
7.6460

■ 150.3200, 31.6340,

10.4020

 155.0930, 39.7030,
12.8470

Harmonies

Analogous

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



117.2590, -20.2630, -12.7350



116.2780, -30.4420, -9.9780



117.3690, -31.9560, -4.5640

Triad

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



116.2780, -30.4420, -9.9780



124.8410, 5.3620, 12.9620



122.3040, 19.3950, -4.5810

Complementary

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



116.2780, -30.4420, -9.9780



97.7220, 30.4420, 9.9780

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.



123.4560, 25.0790, 2.5430



116.2780, -30.4420, -9.9780



125.1860, 17.5120, 13.0320

Square

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



116.2780, -30.4420, -9.9780



123.4200, -9.6300, 9.3300



124.2590, 24.4360, 8.6920



120.9820, 8.4380, -9.7540

Rectangle

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



116.2780, -30.4420, -9.9780



119.4560, -27.6470, -0.0550



124.2590, 24.4360, 8.6920



123.1410, 21.4120, -2.5880

Sweetspot

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



116.2780, -30.4420, -9.9780



167.0200, -11.9200, -4.2400



111.7520, -14.9420, -26.5740



82.8250, -6.8770, -2.0210



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

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



116.2780, -30.4420, -9.9780



147.0200, -47.4510, -15.6030



101.0160, -23.2920, 3.6200



64.2060, -3.5760, -1.2720



88.1950, -76.1050, -24.9450



1.5160, -1.5130, -0.1130

Inverse Universe

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



102.2480, 14.9420, 26.5740



125.1110, 23.2380, 41.4300



112.9840, 23.2920, -3.6200



62.4780, 1.6500, 3.1380



53.1200, 37.3550, 66.4350



1.1250, 1.1460, 1.2580

Previews

White Background



This preview shows how the YIQ color 116.2780, -30.4420, -9.9780 looks on a white 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

Black Background



This preview shows how the YIQ color 116.2780, -30.4420, -9.9780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

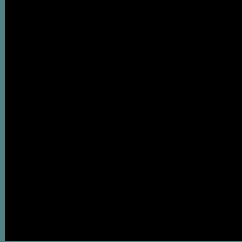
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 116.2780, -30.4420, -9.9780

Background



This preview shows how black text looks on a background with the YIQ color 116.2780, -30.4420, -9.9780.



This preview shows how white text looks on a background with the YIQ color 116.2780, -30.4420, -9.9780.

-9.9780.

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

116.2780, -30.4420, -9.9780

Protanopia

122.2820, -0.7340, 2.2900

Deuteranopia

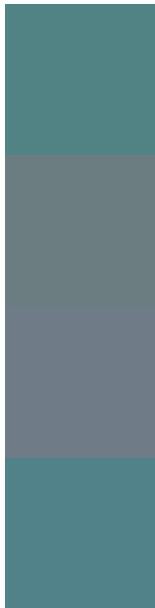
123.6290, -0.0930, 7.1950



Tritanopia

117.0870, -31.2220, -6.8540

Trichromacy



Original Color

116.2780, -30.4420, -9.9780

Protanomaly

120.3730, -11.4160, -2.3600

Deuteranomaly

120.7800, -11.0040, 1.1880

Tritanomaly

116.4460, -30.8550, -7.9990

Monochromacy



Original Color

116.2780, -30.4420, -9.9780

Achromatopsia

116.0000, -0.0000, 0.0000

Achromatomaly

115.7320, -11.0490, -3.5050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 116.2780, -30.4420, -9.9780 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(81, 131, 133)` looks like.

```
.text, #text, p{  
    color:rgb(81, 131, 133)  
}
```

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(81, 131, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 131, 133) }
```

Border

The CSS property to change the border of an element to YIQ 116.2780, -30.4420, -9.9780 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(81, 131, 133) }
```


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

```
.border{ border-color:rgb(81, 131, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 131, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 131, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 131, 133);  
box-shadow:4px 4px 4px 4px rgb(81, 131,  
133) }
```

Background

The CSS property to change the background color of an element to YIQ 116.2780, -30.4420, -9.9780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 131, 133) }
```

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

```
.background{ background-color: rgb(81, 131,  
133) }
```

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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