

Converting Colors

YIQ(112.2940, -27.3710,
-5.0590)

Have a look what the booklet for
YIQ(112.2940, -27.3710, -5.0590)
contains.

YIQ(112.2940, -27.3710, -5.0590)	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(112.2940, -27.3710,
-5.0590)**

Conversions

Conversions Part 1

Format	Color
Hex	537B86
RGB	83, 123, 134
RGB Percent	33%, 48%, 53%
CMY	0.6746, 0.5176, 0.4746
CMYK	0.38, 0.08, 0.00, 0.47
HSL	193°, 24%, 43%
HSV	193°, 38%, 53%
XYZ	14.9513, 17.7285, 25.1773
YIQ	112.2940, -27.3710, -5.0590

Conversions

Conversions Part 2

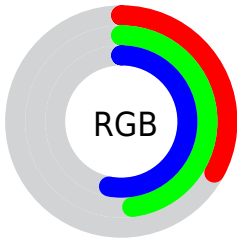
Format	Color
R_{YB}	83, 105, 134
Decimal	5471110
CIE _{Lab}	49.17, -10.98, -10.40
CIE _{LCh}	49, 15.122, 223.468
Yxy	17.7285, 0.2584, 0.3064
Android (android.graphics.Color)	4283661190 (0xFF537B86)
YUV	112.2940, 10.7011, -25.6908
Hunter-Lab	42.1052, -10.2997, -5.9795

Details

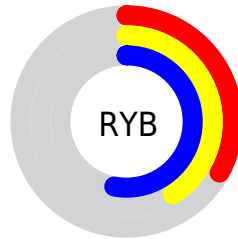
The YIQ color **112.2940, -27.3710, -5.0590** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **104.7060, 27.3710, 5.0590**, and the grayscale version is **112.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **164.9950, -27.9670, -5.2710**, and **62.8810, -27.6460, -5.5820** is the 20% darker color. If you saturate the color by 10%, you get **106.6460, -34.2940, -6.2460**, and if you desaturate by 10%, it is **117.9420, -20.4480, -3.8720**.

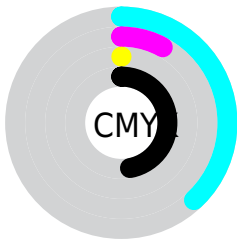
Distribution



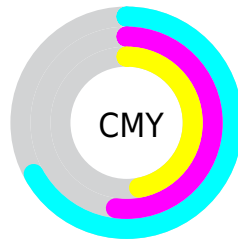
- Red (33%)
- Green (48%)
- Blue (53%)



- Red (33%)
- Yellow (41%)
- Blue (53%)



- Cyan (38%)
- Magenta (8%)
- Yellow (0%)
- Black (47%)



- Cyan (67%)
- Magenta (52%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 112.2940, -27.3710, -5.0590 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 112.2940, -27.3710, -5.0590 by changing the saturation by 10% instead.

■ 112.2940,
-27.3710, -5.0590

■ 112.2940,
-27.3710, -5.0590

■ 255.0000, -0.0000,
-0.0000

■ 87.2940, -27.3710,
-5.0590

■ 164.9950,
-27.9670, -5.2710

■ 62.8810, -27.6460,
-5.5820

■ 191.8100,
-28.8840, -5.1720

■ 38.6740, -31.4970,
-7.3770

■ 219.8100,
-28.8840, -5.1720

■ 22.0560, -20.7690,
-3.5610

■ 243.6380,
-22.6480, -8.0560

■ 2.7530, -6.3740,
5.3860

■ 252.3090, -5.3640,
-1.9080

■ 0.0000, 0.0000,
0.0000

■ 112.2940,
-27.3710, -5.0590

■ 112.2940,
-27.3710, -5.0590

■ 106.6460,
-34.2940, -6.2460

■ 117.9420,
-20.4480, -3.8720

■ 100.6990,
-41.8130, -7.6450

■ 123.8890,
-12.9290, -2.4730

■ 95.0510, -48.7360,
-8.8320

■ 129.5370, -6.0060,
-1.2860

■ 89.6910, -56.5300,
-10.7540

■ 135.4840, 1.5130,
0.1130

■ 84.0430, -63.4530,
-11.9410

■ 140.5450, 8.7110,
1.8230

■ 78.3950, -70.3760,
-13.1280


■ 146.1930, 15.6340,
3.0100

■ 76.9110, -71.8890,
-13.2410

■ 152.1400, 23.1530,
4.4090

■ 157.7880, 30.0760,

5.5960

 163.7350, 37.5950,
6.9950

Harmonies

Analogous

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



111.5130, -23.7940, -9.3140



112.2940, -27.3710, -5.0590



114.3210, -22.8330, 0.8070

Triad

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



112.2940, -27.3710, -5.0590



119.3810, 12.4690, 10.8130



115.9330, 10.1340, -7.4500

Complementary

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



112.2940, -27.3710, -5.0590



104.7060, 27.3710, 5.0590

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.



117.2870, 18.0650, -2.5030



112.2940, -27.3710, -5.0590



118.8070, 19.8970, 8.3530

Square

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



112.2940, -27.3710, -5.0590



118.8080, 0.9610, 10.1210



118.1290, 21.6860, 3.4620



113.8930, -1.5570, -10.3330

Rectangle

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



112.2940, -27.3710, -5.0590



115.9630, -15.7730, 5.0190



118.1290, 21.6860, 3.4620



115.8410, 13.3890, -5.8670

Sweetspot

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



112.2940, -27.3710, -5.0590



164.9710, -10.2240, -1.9360



114.0770, -17.2350, -23.5630



81.6510, -6.3270, -0.9750



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.



112.2940, -27.3710, -5.0590



139.4000, -42.4090, -7.8570



97.6190, -20.4960, 8.0160



63.6190, -3.3010, -0.7490



74.6940, -69.7800, -12.9160



1.5160, -1.5130, -0.1130

Inverse Universe

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



102.8090, 17.5560, 23.2520



124.6890, 27.1820, 36.0300



119.3810, 20.4960, -8.0160



62.3640, 1.9710, 2.8270



50.4980, 44.7380, 59.2820



1.1250, 1.1460, 1.2580

Previews

White Background



This preview shows how the YIQ color 112.2940, -27.3710, -5.0590 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 112.2940, -27.3710, -5.0590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

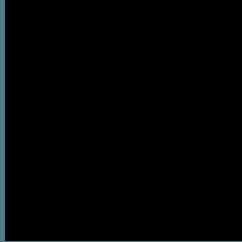
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

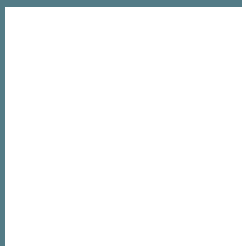
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 112.2940, -27.3710, -5.0590

Background



This preview shows how black text looks on a background with the YIQ color 112.2940, -27.3710, -5.0590.



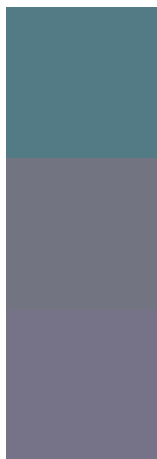
This preview shows how white text looks on a background with the YIQ color 112.2940, -27.3710, -5.0590.

-5.0590.

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

112.2940, -27.3710, -5.0590

Protanopia

117.1830, -4.7690, 3.8310

Deuteranopia

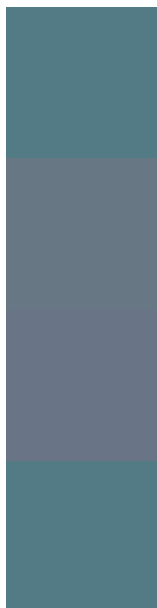
117.7040, -4.6780, 7.6900



Tritanopia

112.1800, -27.0500, -5.3700

Trichromacy



Original Color

112.2940, -27.3710, -5.0590

Protanomaly

115.5840, -13.3880, 0.3400

Deuteranomaly

115.4640, -12.9300, 3.0540

Tritanomaly

112.1800, -27.0500, -5.3700

Monochromacy



Original Color

112.2940, -27.3710, -5.0590

Achromatopsia

112.0000, -0.0000, 0.0000

Achromatomaly

111.9710, -10.2240, -1.9360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 112.2940, -27.3710, -5.0590 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(83, 123, 134)` looks like.

```
.text, #text, p{  
    color:rgb(83, 123, 134)  
}
```

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(83, 123, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 123, 134) }
```

Border

The CSS property to change the border of an element to YIQ 112.2940, -27.3710, -5.0590 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(83, 123, 134) }
```


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

```
.border{ border-color:rgb(83, 123, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 123, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 123, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 123, 134);  
box-shadow:4px 4px 4px 4px rgb(83, 123,  
134) }
```

Background

The CSS property to change the background color of an element to YIQ 112.2940, -27.3710, -5.0590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 123, 134) }
```

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

```
.background{ background-color: rgb(83, 123,  
134) }
```

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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