

Converting Colors

YIQ(115.5940, -62.9060, 5.6860)

Have a look what the booklet for
YIQ(115.5940, -62.9060, 5.6860)
contains.

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Color

**YIQ(115.5940, -62.9060,
5.6860)**

Conversions

Conversions Part 1

Format	Color
Hex	3B81C3
RGB	59, 129, 195
RGB Percent	23%, 51%, 76%
CMY	0.7687, 0.4940, 0.2356
CMYK	0.70, 0.34, 0.00, 0.24
HSL	209°, 54%, 50%
HSV	209°, 70%, 76%
XYZ	19.4975, 20.5738, 54.5278
YIQ	115.5940, -62.9060, 5.6860

Conversions

Conversions Part 2

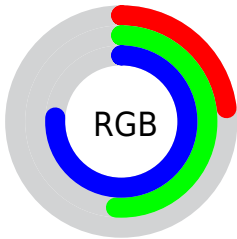
Format	Color
R_{YB}	59, 105, 195
Decimal	3899843
CIE _{Lab}	52.48, -0.29, -40.76
CIE _{LCh}	52, 40.756, 269.595
Yxy	20.5738, 0.2061, 0.2175
Android (android.graphics.Color)	4282089923 (0xFF3B81C3)
YUV	115.5940, 39.1472, -49.6329
Hunter-Lab	45.3584, -2.6479, -39.5250

Details

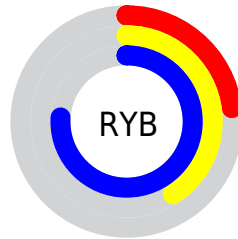
The YIQ color **115.5940, -62.9060, 5.6860** is a dark color, and the websafe version is hex **336699**. The color can be described as dark muted azure. A complement of this color would be **138.4060, 62.9060, -5.6860**, and the grayscale version is **115.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **171.7410, -58.8260, 8.8380**, and **63.0340, -67.2610, 2.0110** is the 20% darker color. If you saturate the color by 10%, you get **104.3310, -72.3510, 6.1530**, and if you desaturate by 10%, it is **126.5580, -54.0570, 5.0070**.

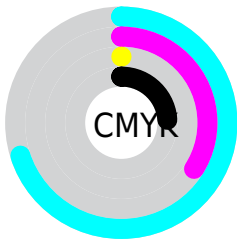
Distribution



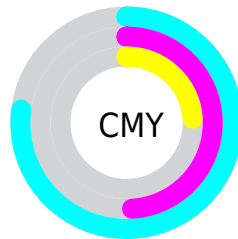
- Red (23%)
- Green (51%)
- Blue (76%)



- Red (23%)
- Yellow (41%)
- Blue (76%)



- Cyan (70%)
- Magenta (34%)
- Yellow (0%)
- Black (24%)



- Cyan (77%)
- Magenta (49%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 115.5940, -62.9060, 5.6860 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 115.5940, -62.9060, 5.6860 by changing the saturation by 10% instead.

■ 115.5940,
-62.9060, 5.6860

■ 115.5940,
-62.9060, 5.6860

■ 255.0000, -0.0000,
-0.0000

■ 83.6740, -75.0550,
0.0890

■ 171.7410,
-58.8260, 8.8380

■ 63.0340, -67.2610,
2.0110

■ 196.6030,
-49.9300, 1.7980

■ 47.1560, -52.8650,
5.4310

■ 222.0090,
-39.7500, -6.4860

■ 31.9790, -39.0650,
8.6390

■ 241.2460,
-27.4160, -9.7520

■ 16.3290, -25.3110,
12.6810

■ 250.2160, -9.5360,
-3.3920

■ 6.6630, -14.6280,
11.8040

■ 3.0950, -7.3370,

6.3190

■ 0.0000, 0.0000,
0.0000

■ 115.5940,
-62.9060, 5.6860

■ 115.5940,
-62.9060, 5.6860

■ 104.3310,
-72.3510, 6.1530

■ 126.5580,
-54.0570, 5.0070

■ 92.7800, -80.9250,
7.3550

■ 138.4080,
-44.8870, 4.0170

■ 81.5170, -90.3700,
7.8220

■ 149.3720,
-36.0380, 3.3380

■ 80.9300, -90.0950,
8.3450

■ 161.2220,
-26.8680, 2.3480

■ 172.1860,
-18.0190, 1.6690

■ 184.0360, -8.8490,
0.6790

■ 195.0000, -0.0000,
0.0000

■ 206.8500, 9.1700,
-0.9900

■ 217.8140, 18.0190,
-1.6690

Harmonies

Analogous

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



102.0960, -97.3350, -14.6390



115.5940, -62.9060, 5.6860



127.2690, -15.9140, 24.1020

Triad

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



115.5940, -62.9060, 5.6860



125.2260, 55.5660, 17.2140



111.9460, -27.4120, -31.8600

Complementary

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



115.5940, -62.9060, 5.6860



138.4060, 62.9060, -5.6860

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.



118.3280, 9.6790, -26.7450



115.5940, -62.9060, 5.6860



124.0060, 52.5890, -0.4270

Square

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



115.5940, -62.9060, 5.6860



127.0420, 44.8810, 29.1450



121.8970, 36.1780, -16.8940



98.0770, -79.1290, -36.2250

Rectangle

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



115.5940, -62.9060, 5.6860



128.9470, 8.6600, 30.2920



121.8970, 36.1780, -16.8940



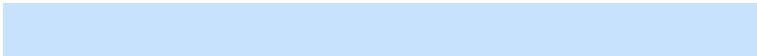
114.7150, -13.5200, -30.3200

Sweetspot

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



115.5940, -62.9060, 5.6860



221.4780, -24.7130, 1.8390



146.3560, -58.5860, -50.6020



109.0400, -14.6720, 1.5840



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



115.5940, -62.9060, 5.6860



128.7380, -98.3020, 8.4020



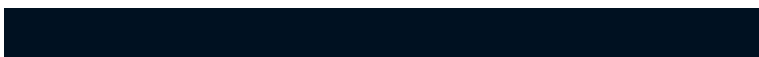
75.6780, -44.2060, 41.2500



91.0750, -4.5850, 0.4950



67.0750, -74.5060, 6.6620



13.7410, -15.2680, 1.3720

Inverse Universe

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



107.6440, 58.5860, 50.6020



115.9280, 91.0420, 79.1540



178.3220, 44.2060, -41.2500



90.5600, 4.3550, 3.6750



57.6010, 69.3130, 59.9450



11.8050, 14.2110, 12.2830

Previews

White Background



This preview shows how the YIQ color 115.5940, -62.9060, 5.6860 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 115.5940, -62.9060, 5.6860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

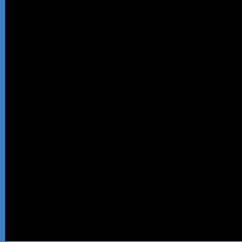
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 115.5940, -62.9060, 5.6860

Background



This preview shows how black text looks on a background with the YIQ color 115.5940, -62.9060, 5.6860.

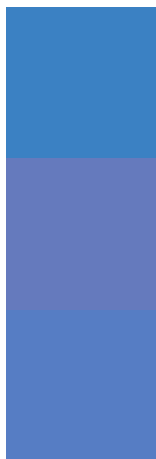


This preview shows how white text looks on a background with the YIQ color 115.5940, -62.9060,

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

115.5940, -62.9060, 5.6860

Protanopia

123.3590, -34.0230, 16.3850

Deuteranopia

121.4330, -46.0350, 13.8130



Tritanopia

104.2710, -73.2630, -21.3830

Trichromacy



Original Color

115.5940, -62.9060, 5.6860

Protanomaly

120.8630, -44.4300, 12.2580

Deuteranomaly

119.0300, -52.2700, 11.1700

Tritanomaly

108.6340, -69.5510, -11.5590

Monochromacy



Original Color

115.5940, -62.9060, 5.6860

Achromatopsia

116.0000, -0.0000, 0.0000

Achromatomaly

115.9620, -23.2000, 1.9520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 115.5940, -62.9060, 5.6860 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(59, 129, 195)` looks like.

```
.text, #text, p{  
    color:rgb(59, 129, 195)  
}
```

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(59, 129, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 129, 195) }
```

Border

The CSS property to change the border of an element to YIQ 115.5940, -62.9060, 5.6860 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(59, 129, 195) }
```


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

```
.border{ border-color:rgb(59, 129, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 129, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 129, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 129, 195);  
box-shadow:4px 4px 4px 4px rgb(59, 129,  
195) }
```

Background

The CSS property to change the background color of an element to YIQ 115.5940, -62.9060, 5.6860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 129, 195) }
```

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

```
.background{ background-color: rgb(59, 129,  
195) }
```

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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