

Converting Colors

YIQ(164.2040, -35.6250, 1.3590)

Have a look what the booklet for
YIQ(164.2040, -35.6250, 1.3590)
contains.

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Color

**YIQ(164.2040, -35.6250,
1.3590)**

Conversions

Conversions Part 1

Format	Color
Hex	83ADCE
RGB	131, 173, 206
RGB Percent	51%, 68%, 81%
CMY	0.4863, 0.3215, 0.1923
CMYK	0.36, 0.16, 0.00, 0.19
HSL	206°, 43%, 66%
HSV	206°, 36%, 81%
XYZ	35.4393, 39.1718, 64.0585
YIQ	164.2040, -35.6250, 1.3590

Conversions

Conversions Part 2

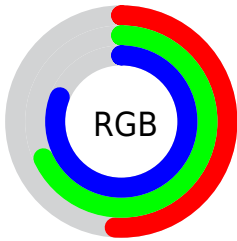
Format	Color
RYB	131, 158, 206
Decimal	8629710
CIELab	68.88, -5.97, -21.25
CIELCh	69, 22.070, 254.313
Yxy	39.1718, 0.2556, 0.2825
Android (android.graphics.Color)	4286819790 (0xFF83ADCE)
YUV	164.2040, 20.6054, -29.1199
Hunter-Lab	62.5874, -8.4545, -16.8724

Details

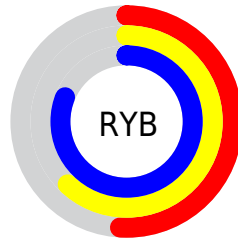
The YIQ color **164.2040, -35.6250, 1.3590** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **172.7960, 35.6250, -1.3590**, and the grayscale version is **164.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **218.5200, -33.6990, -0.5070**, and **111.6770, -35.5790, 0.5250** is the 20% darker color. If you saturate the color by 10%, you get **152.6420, -45.6660, 1.6140**, and if you desaturate by 10%, it is **175.7660, -25.5840, 1.1040**.

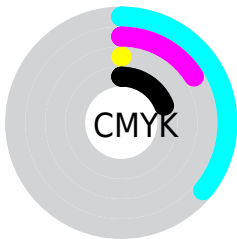
Distribution



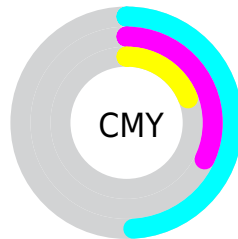
- Red (51%)
- Green (68%)
- Blue (81%)



- Red (51%)
- Yellow (62%)
- Blue (81%)



- Cyan (36%)
- Magenta (16%)
- Yellow (0%)
- Black (19%)



- Cyan (49%)
- Magenta (32%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 164.2040, -35.6250, 1.3590 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 164.2040, -35.6250, 1.3590 by changing the saturation by 10% instead.

■ 164.2040,
-35.6250, 1.3590

■ 164.2040,
-35.6250, 1.3590

■ 255.0000, -0.0000,
-0.0000

■ 137.0900,
-35.3040, 1.0480

■ 218.5200,
-33.6990, -0.5070

■ 111.6770,
-35.5790, 0.5250

■ 242.7410,
-24.4360, -8.6920

■ 86.2640, -35.8540,
0.0020

■ 251.4120, -7.1520,
-2.5440

■ 60.3560, -39.1090,
-1.5810

■ 38.1280, -38.4670,
-2.2030

■ 23.1790, -25.3090,
1.6270

■ 4.9360, -11.1430,

9.2170

■ 0.5700, -1.6050,
1.5550

■ 0.0000, 0.0000,
0.0000

■ 164.2040,
-35.6250, 1.3590

■ 164.2040,
-35.6250, 1.3590

■ 152.6420,
-45.6660, 1.6140

■ 175.7660,
-25.5840, 1.1040

■ 141.3790,
-55.1110, 2.0810

■ 187.0290,
-16.1390, 0.6370

■ 129.8170,
-65.1520, 2.3360

■ 198.5910, -6.0980,
0.3820

■ 118.5540,
-74.5970, 2.8030

■ 209.8540, 3.3470,
-0.0850

■ 106.9920,
-84.6380, 3.0580

■ 221.4160, 13.3880,
-0.3400

■ 95.4300, -94.6790,
3.3130

■ 232.9780, 23.4290,
-0.5950

■ 90.9890, -97.7510,
3.9210

■ 238.2610, 20.9540,
-5.3020

■ 243.5440, 18.4790,
-10.0090

■ 248.8270, 16.0040,
-14.7160

Harmonies

Analogous

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



160.8020, -43.6010, -8.2810



164.2040, -35.6250, 1.3590



168.4560, -18.4790, 10.0090

Triad

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



164.2040, -35.6250, 1.3590



171.0150, 31.1750, 13.2150



163.4210, -3.3440, -16.4960

Complementary

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



164.2040, -35.6250, 1.3590



172.7960, 35.6250, -1.3590

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.



166.2230, 14.9490, -12.1150



164.2040, -35.6250, 1.3590



169.8270, 34.3400, 5.4120

Square

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



164.2040, -35.6250, 1.3590



171.4900, 19.7120, 17.2160



168.2080, 28.4730, -3.9030



161.5420, -22.7380, -17.4420

Rectangle

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



164.2040, -35.6250, 1.3590



170.3330, -4.7710, 14.8850



168.2080, 28.4730, -3.9030



164.7700, 2.9830, -15.5210

Sweetspot

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



164.2040, -35.6250, 1.3590



239.5840, -13.3880, 0.3400



178.6730, -30.8970, -29.2730



118.2210, -7.9320, 0.5800



0.0000, 0.0000, 0.0000



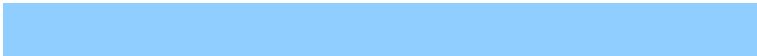
128.0000, -0.0000, -0.0000

Same Dimension

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



164.2040, -35.6250, 1.3590



192.7490, -53.2770, 1.8830



142.4850, -25.4500, 20.7100



96.6620, -4.8600, -0.0280



73.5150, -78.8610, 2.9870



16.6590, -17.9730, 0.8350

Inverse Universe

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



158.2130, 31.2180, 28.9620



183.6700, 46.5290, 43.3370



194.5150, 25.4500, -20.7100



95.6740, 4.0340, 3.9860



60.2360, 69.0830, 64.1150



13.7560, 15.9070, 14.5870

Previews

White Background



This preview shows how the YIQ color 164.2040, -35.6250, 1.3590 looks on a white background.

Color Contrast Check

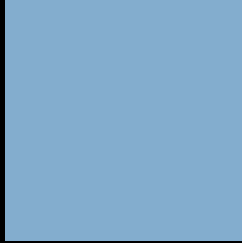
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 164.2040, -35.6250, 1.3590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

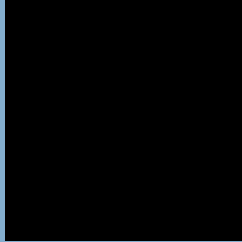
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 164.2040, -35.6250, 1.3590

Background



This preview shows how black text looks on a background with the YIQ color 164.2040, -35.6250, 1.3590.

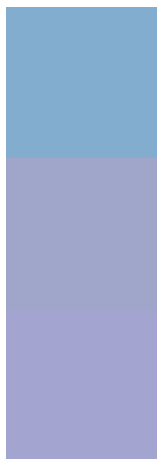


This preview shows how white text looks on a background with the YIQ color 164.2040, -35.6250, 1.3590.

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

164.2040, -35.6250, 1.3590

Protanopia

168.1960, -14.8110, 9.6130

Deuteranopia

168.7170, -14.7200, 13.4720



Tritanopia

162.9450, -33.6980, -6.0340

Trichromacy



Original Color

164.2040, -35.6250, 1.3590

Protanomaly

166.8960, -22.8340, 6.3340

Deuteranomaly

166.7760, -22.3760, 9.0480

Tritanomaly

163.3410, -34.7530, -3.4330

Monochromacy



Original Color

164.2040, -35.6250, 1.3590

Achromatopsia

164.0000, 0.0000, -0.0000

Achromatomaly

163.8830, -12.7920, 0.5520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 164.2040, -35.6250, 1.3590 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(131, 173, 206)` looks like.

```
.text, #text, p{  
    color:rgb(131, 173, 206)  
}
```

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(131, 173, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 173, 206) }
```

Border

The CSS property to change the border of an element to YIQ 164.2040, -35.6250, 1.3590 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(131, 173, 206) }
```


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

```
.border{ border-color:rgb(131, 173, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 173, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 173, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 173, 206);  
box-shadow:4px 4px 4px 4px rgb(131, 173,  
206) }
```

Background

The CSS property to change the background color of an element to YIQ 164.2040, -35.6250, 1.3590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 173, 206) }
```

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

```
.background{ background-color: rgb(131,  
173, 206) }
```

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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