

Converting Colors

YIQ(161.3760, -41.8610, 4.2430)

Have a look what the booklet for
YIQ(161.3760, -41.8610, 4.2430)
contains.

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Color

**YIQ(161.3760, -41.8610,
4.2430)**

Conversions

Conversions Part 1

Format	Color
Hex	7CAAD7
RGB	124, 170, 215
RGB Percent	49%, 67%, 84%
CMY	0.5138, 0.3332, 0.1571
CMYK	0.42, 0.21, 0.00, 0.16
HSL	210°, 53%, 66%
HSV	210°, 42%, 84%
XYZ	34.9467, 37.9439, 69.7375
YIQ	161.3760, -41.8610, 4.2430

Conversions

Conversions Part 2

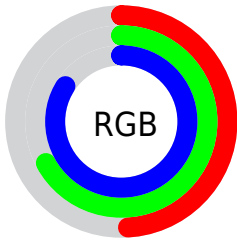
Format	Color
RYB	124, 155, 215
Decimal	8170199
CIELab	67.98, -3.78, -27.61
CIELCh	68, 27.864, 262.204
Yxy	37.9439, 0.2450, 0.2660
Android (android.graphics.Color)	4286360279 (0xFF7CAAD7)
YUV	161.3760, 26.4366, -32.7788
Hunter-Lab	61.5987, -6.5294, -24.0047

Details

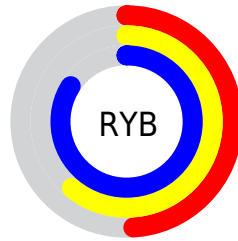
The YIQ color $161.3760, -41.8610, 4.2430$ is a light color, and the websafe version is hex $6699CC$. A complement of this color would be $177.6240, 41.8610, -4.2430$, and the grayscale version is $161.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $214.9650, -36.4500, -0.2100$, and $108.1370, -42.6860, 2.6740$ is the 20% darker color. If you saturate the color by 10%, you get $148.3410, -51.9480, 5.3320$, and if you desaturate by 10%, it is $174.1120, -32.3700, 2.9420$.

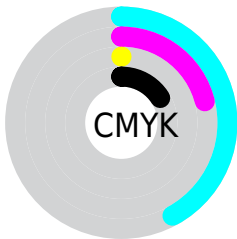
Distribution



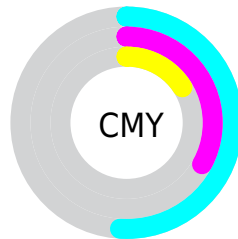
- Red (49%)
- Green (67%)
- Blue (84%)



- Red (49%)
- Yellow (61%)
- Blue (84%)



- Cyan (42%)
- Magenta (21%)
- Yellow (0%)
- Black (16%)



- Cyan (51%)
- Magenta (33%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 161.3760, -41.8610, 4.2430 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 161.3760, -41.8610, 4.2430 by changing the saturation by 10% instead.

■ 161.3760,
-41.8610, 4.2430

■ 161.3760,
-41.8610, 4.2430

■ 255.0000, -0.0000,
-0.0000

■ 134.8490,
-41.8150, 3.4090

■ 214.9650,
-36.4500, -0.2100

■ 108.1370,
-42.6860, 2.6740

■ 240.3600,
-27.7370, -9.4410

■ 81.8270, -44.7490,
1.5150

■ 249.6180,
-10.7280, -3.8160

■ 53.4020, -53.9180,
-3.0220

■ 37.7520, -40.1640,
1.0200

■ 22.6890, -26.6850,
4.5390

■ 6.2070, -13.3440,

10.5600

■ 2.4110, -5.4110,
4.4530

■ 0.0000, 0.0000,
0.0000

■ 161.3760,
-41.8610, 4.2430

■ 161.3760,
-41.8610, 4.2430

■ 148.3410,
-51.9480, 5.3320

■ 174.1120,
-32.3700, 2.9420

■ 136.1920,
-61.7140, 6.1100

■ 186.5600,
-22.0080, 2.3760

■ 123.1570,
-71.8010, 7.1990

■ 199.2960,
-12.5170, 1.0750

■ 111.0080,
-81.5670, 7.9770

■ 211.7440, -2.1550,
0.5090

■ 98.2720, -91.0580,
9.2780

■ 224.4800, 7.3360,
-0.7920

■ 88.4930, -98.9900,
9.8580

■ 237.5150, 17.4230,
-1.8810

■ 243.9830, 15.8650,
-6.6870

■ 250.4400, 12.8400,
-12.4400

Harmonies

Analogous

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



154.7880, -58.1810, -8.3650



161.3760, -41.8610, 4.2430



167.1020, -17.2420, 15.1260

Triad

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



161.3760, -41.8610, 4.2430



168.3320, 40.5280, 14.4160



158.9530, -10.9540, -21.7540

Complementary

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



161.3760, -41.8610, 4.2430



177.6240, 41.8610, -4.2430

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.



162.3920, 12.7950, -17.1330



161.3760, -41.8610, 4.2430



167.0680, 40.8510, 3.0510

Square

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



161.3760, -41.8610, 4.2430



169.6870, 29.5230, 21.1310



165.1280, 31.4540, -8.3700



155.0780, -36.1710, -21.7950

Rectangle

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



161.3760, -41.8610, 4.2430



169.1320, 0.4090, 20.1290



165.1280, 31.4540, -8.3700



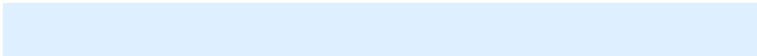
160.0850, -2.5180, -20.4540

Sweetspot

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



161.3760, -41.8610, 4.2430



235.7410, -15.2680, 1.3720



182.4330, -39.1490, -33.9090



115.2640, -9.4910, 1.3010



0.0000, 0.0000, 0.0000



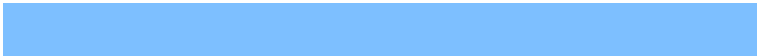
128.0000, -0.0000, -0.0000

Same Dimension

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



161.3760, -41.8610, 4.2430



178.5620, -59.8800, 5.9120



134.9610, -29.4860, 27.7780



100.7760, -5.1810, 0.2830



69.9760, -78.5410, 8.2030



17.8160, -19.8530, 1.8670

Inverse Universe

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



156.4530, 39.4700, 33.5980



171.3940, 56.2940, 48.0860



203.4520, 29.7610, -27.2550



99.9730, 4.6300, 4.1980



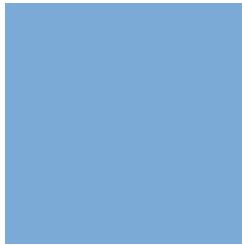
60.9330, 74.3100, 62.9980



15.3650, 18.5660, 15.9580

Previews

White Background



This preview shows how the YIQ color 161.3760, -41.8610, 4.2430 looks on a white background.

Color Contrast Check

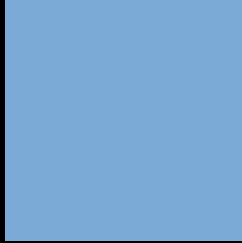
Large Text (above 18pt) WCAG AA × Fail

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 161.3760, -41.8610, 4.2430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

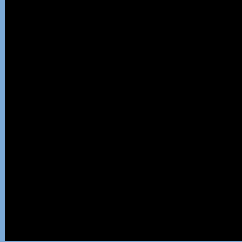
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 161.3760, -41.8610, 4.2430

Background



This preview shows how black text looks on a background with the YIQ color 161.3760, -41.8610, 4.2430.

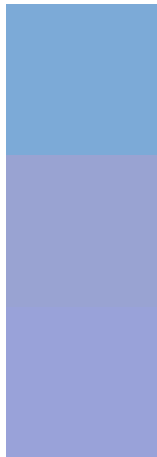


This preview shows how white text looks on a background with the YIQ color 161.3760, -41.8610,

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

161.3760, -41.8610, 4.2430

Protanopia

165.3680, -21.0470, 12.4970

Deuteranopia

165.5790, -23.0190, 15.1970



Tritanopia

159.2540, -39.0620, -7.9420

Trichromacy



Original Color

161.3760, -41.8610, 4.2430

Protanomaly

164.0680, -29.0700, 9.2180

Deuteranomaly

163.9370, -30.0790, 10.9850

Tritanomaly

160.0030, -39.6130, -3.4610

Monochromacy



Original Color

161.3760, -41.8610, 4.2430

Achromatopsia

161.0000, -0.0000, -0.0000

Achromatomaly

161.1540, -14.9930, 1.8950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 161.3760, -41.8610, 4.2430 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(124, 170, 215)` looks like.

```
.text, #text, p{  
    color:rgb(124, 170, 215)  
}
```

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(124, 170, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 170, 215) }
```

Border

The CSS property to change the border of an element to YIQ 161.3760, -41.8610, 4.2430 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(124, 170, 215) }
```


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

```
.border{ border-color:rgb(124, 170, 215) }
```

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

Here you see how a box with a 4 pixel rgb(124, 170, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 170, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 170, 215);  
box-shadow:4px 4px 4px 4px rgb(124, 170,  
215) }
```

Background

The CSS property to change the background color of an element to YIQ 161.3760, -41.8610, 4.2430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 170, 215) }
```

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

```
.background{ background-color: rgb(124,  
170, 215) }
```

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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