

Converting Colors

YIQ(142.8630, -35.2620,
22.3220)

Have a look what the booklet for
YIQ(142.8630, -35.2620, 22.3220)
contains.

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Color

**YIQ(142.8630, -35.2620,
22.3220)**

Conversions

Conversions Part 1

Format	Color
Hex	7B8ADC
RGB	123, 138, 220
RGB Percent	48%, 54%, 86%
CMY	0.5176, 0.4588, 0.1375
CMYK	0.44, 0.37, 0.00, 0.14
HSL	231°, 58%, 67%
HSV	231°, 44%, 86%
XYZ	30.1697, 27.5546, 71.4026
YIQ	142.8630, -35.2620, 22.3220

Conversions

Conversions Part 2

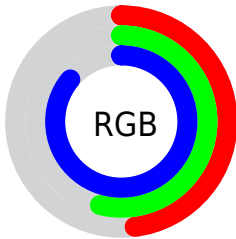
Format	Color
RYB	123, 136, 220
Decimal	8096476
CIELab	59.48, 15.71, -43.61
CIELCh	59, 46.357, 289.810
Yxy	27.5546, 0.2336, 0.2134
Android (android.graphics.Color)	4286286556 (0xFF7B8ADC)
YUV	142.8630, 38.0285, -17.4199
Hunter-Lab	52.4925, 10.7299, -43.9041

Details

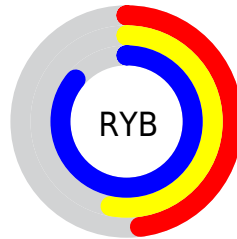
The YIQ color $142.8630, -35.2620, 22.3220$ is a light color, and the websafe version is hex $6699FF$. A complement of this color would be $200.1370, 35.2620, -22.3220$, and the grayscale version is $143.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $194.7080, -27.6960, 17.3600$, and $90.3850, -36.9120, 19.1840$ is the 20% darker color. If you saturate the color by 10%, you get $125.1320, -43.1490, 27.5950$, and if you desaturate by 10%, it is $160.5940, -27.3750, 17.0490$.

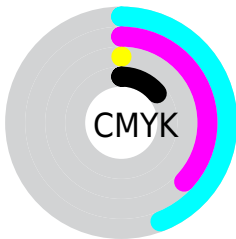
Distribution



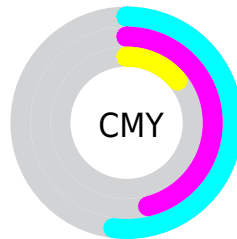
- Red (48%)
- Green (54%)
- Blue (86%)



- Red (48%)
- Yellow (53%)
- Blue (86%)



- Cyan (44%)
- Magenta (37%)
- Yellow (0%)
- Black (14%)



- Cyan (52%)
- Magenta (46%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 142.8630, -35.2620, 22.3220 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 142.8630, -35.2620, 22.3220 by changing the saturation by 10% instead.

■ 142.8630,
-35.2620, 22.3220

■ 142.8630,
-35.2620, 22.3220

■ 255.0000, -0.0000,
-0.0000

■ 116.6240,
-36.0870, 20.7530

■ 194.7080,
-27.6960, 17.3600

■ 90.3850, -36.9120,
19.1840

■ 219.8150,
-18.1120, 8.8640

■ 64.6510, -40.7170,
16.5550

■ 244.9220, -8.5280,
0.3680

■ 38.5960, -48.0520,
11.8200

■ 24.0060, -34.5270,
14.5050

■ 7.1820, -20.2230,
19.5930

■ 6.3210, -13.6650,

10.8710

■ 2.6390, -6.0530,
5.0750

■ 0.0000, 0.0000,
0.0000

■ 142.8630,
-35.2620, 22.3220

■ 142.8630,
-35.2620, 22.3220

■ 125.1320,
-43.1490, 27.5950

■ 160.5940,
-27.3750, 17.0490

■ 107.9880,
-51.3110, 32.3450

■ 177.7380,
-19.2130, 12.2990

■ 90.2570, -59.1980,
37.6180

■ 195.4690,
-11.3260, 7.0260

■ 73.1130, -67.3600,
42.3680

■ 212.6130, -3.1640,
2.2760

■ 55.3820, -75.2470,
47.6410

■ 230.3440, 4.7230,
-2.9970

■ 45.0380, -79.9700,
50.6380

■ 248.0750, 12.6100,
-8.2700

■ 251.0100, 11.2350,
-10.8850

Harmonies

Analogous

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



114.6460, -113.3830, -10.1430



142.8630, -35.2620, 22.3220



147.7780, 10.8140, 35.3100

Triad

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



142.8630, -35.2620, 22.3220



142.2680, 63.7750, 6.1030



110.1590, -85.5920, -45.7520

Complementary

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



142.8630, -35.2620, 22.3220



200.1370, 35.2620, -22.3220

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.



130.6990, -16.5910, -35.2390



142.8630, -35.2620, 22.3220



140.3070, 49.7030, -14.2090

Square

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



142.8630, -35.2620, 22.3220



143.8020, 62.9920, 25.8080



136.5050, 22.2420, -28.6540



115.6480, -99.6700, -32.9020

Rectangle

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



142.8630, -35.2620, 22.3220



146.9350, 35.2970, 37.6410



136.5050, 22.2420, -28.6540



121.8440, -53.7280, -39.5200

Sweetspot

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



142.8630, -35.2620, 22.3220



228.6970, -11.9680, 7.6480



189.1730, -52.6760, -25.5400



111.1550, -7.5660, 4.9620



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.



142.8630, -35.2620, 22.3220



147.7170, -49.1100, 31.0020



143.6260, -12.0650, 36.9510



100.8410, -3.8060, 2.8980



35.5710, -62.9580, 39.6820



9.3530, -16.6910, 10.6450

Inverse Universe

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



153.7130, 52.9970, 25.2290



162.7590, 73.7190, 35.1510



199.3740, 12.0650, -36.9510



102.4030, 6.2350, 2.6430



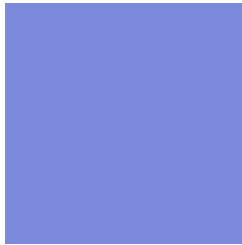
54.8050, 94.4410, 45.0730



14.5520, 25.1690, 11.9290

Previews

White Background



This preview shows how the YIQ color 142.8630, -35.2620, 22.3220 looks on a white background.

Color Contrast Check

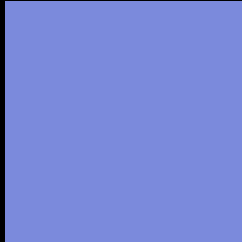
Large Text (above 18pt) WCAG AA ✓ Pass

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 142.8630, -35.2620, 22.3220 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 142.8630, -35.2620, 22.3220

Background



This preview shows how black text looks on a background with the YIQ color 142.8630, -35.2620, 22.3220.



This preview shows how white text looks on a background with the YIQ color 142.8630, -35.2620, 22.3220.

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

142.8630, -35.2620, 22.3220

Protanopia

141.2750, -42.4140, 19.7780

Deuteranopia

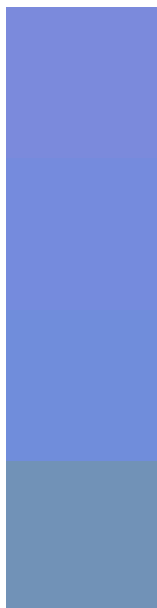
140.3020, -47.0440, 15.5800



Tritanopia

138.5110, -29.4800, -5.3840

Trichromacy



Original Color

142.8630, -35.2620, 22.3220

Protanomaly

141.7700, -39.4340, 20.8380

Deuteranomaly

141.2210, -42.3220, 18.1100

Tritanomaly

140.3510, -31.5450, 4.5110

Monochromacy



Original Color

142.8630, -35.2620, 22.3220

Achromatopsia

143.0000, -0.0000, 0.0000

Achromatomaly

142.9250, -12.6100, 8.2700

CSS Examples

Text

The CSS property to change the color of the text to YIQ 142.8630, -35.2620, 22.3220 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(123, 138, 220)` looks like.

```
.text, #text, p{  
    color:rgb(123, 138, 220)  
}
```

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(123, 138, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 138, 220) }
```

Border

The CSS property to change the border of an element to YIQ 142.8630, -35.2620, 22.3220 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(123, 138, 220) }
```


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

```
.border{ border-color:rgb(123, 138, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 138, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(123, 138, 220); -webkit-box-shadow:4px 4px 4px 4px rgb(123, 138, 220); box-shadow:4px 4px 4px 4px rgb(123, 138, 220) }
```

Background

The CSS property to change the background color of an element to YIQ 142.8630, -35.2620, 22.3220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 138, 220) }
```

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

```
.background{ background-color: rgb(123,  
138, 220) }
```

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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