

Converting Colors

YIQ(142.7810, -20.7720,
13.0200)

Have a look what the booklet for
YIQ(142.7810, -20.7720, 13.0200)
contains.

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Color

**YIQ(142.7810, -20.7720,
13.0200)**

Conversions

Conversions Part 1

Format	Color
Hex	838CBC
RGB	131, 140, 188
RGB Percent	51%, 55%, 74%
CMY	0.4863, 0.4510, 0.2629
CMYK	0.30, 0.26, 0.00, 0.26
HSL	231°, 30%, 63%
HSV	231°, 30%, 74%
XYZ	27.8129, 27.2123, 51.3463
YIQ	142.7810, -20.7720, 13.0200

Conversions

Conversions Part 2

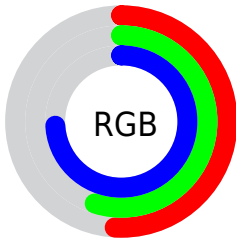
Format	Color
RYB	131, 139, 188
Decimal	8621244
CIELab	59.17, 7.94, -26.07
CIELCh	59, 27.251, 286.939
Yxy	27.2123, 0.2615, 0.2558
Android (android.graphics.Color)	4286811324 (0xFF838CBC)
YUV	142.7810, 22.2930, -10.3319
Hunter-Lab	52.1654, 3.8808, -21.8432

Details

The YIQ color $142.7810, -20.7720, 13.0200$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $176.2190, 20.7720, -13.0200$, and the grayscale version is $143.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $196.4220, -21.1390, 14.1650$, and $92.1400, -20.4050, 11.8750$ is the 20% darker color. If you saturate the color by 10%, you get $127.7080, -27.6960, 17.3600$, and if you desaturate by 10%, it is $157.8540, -13.8480, 8.6800$.

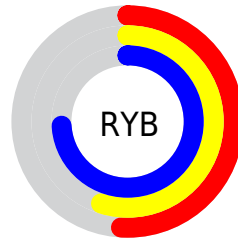
Distribution



Red (51%)

Green (55%)

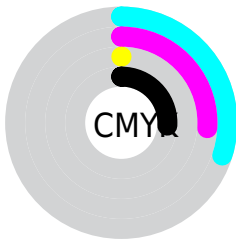
Blue (74%)



Red (51%)

Yellow (55%)

Blue (74%)

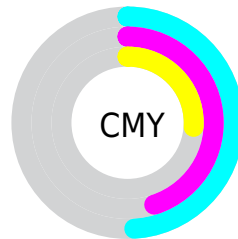


Cyan (30%)

Magenta (26%)

Yellow (0%)

Black (26%)



Cyan (49%)

Magenta (45%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 142.7810, -20.7720, 13.0200 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 142.7810, -20.7720, 13.0200 by changing the saturation by 10% instead.

■ 142.7810,
-20.7720, 13.0200

■ 142.7810,
-20.7720, 13.0200

■ 255.0000, -0.0000,
-0.0000

■ 117.2540,
-20.7260, 12.1860

■ 196.4220,
-21.1390, 14.1650

■ 92.1400, -20.4050,
11.8750

■ 222.4840,
-15.6820, 8.8780

■ 68.2000, -20.6340,
10.5180

■ 248.1780, -6.3730,
-0.1410

■ 45.0750, -21.7800,
9.2600

■ 21.9280, -25.8600,
6.1080

■ 4.4460, -12.5190,
12.1290

■ 2.5250, -5.7320,

4.7640

■ 0.0000, 0.0000,
0.0000

■ 142.7810,
-20.7720, 13.0200

■ 142.7810,
-20.7720, 13.0200

■ 127.7080,
-27.6960, 17.3600

■ 157.8540,
-13.8480, 8.6800

■ 112.6350,
-34.6200, 21.7000

■ 172.9270, -6.9240,
4.3400

■ 98.4480, -41.2230,
25.7290

■ 187.1140, -0.3210,
0.3110

■ 83.3750, -48.1470,
30.0690

■ 202.1870, 6.6030,
-4.0290

■ 68.3020, -55.0710,
34.4090

■ 217.2600, 13.5270,
-8.3690

■ 53.2290, -61.9950,
38.7490

■ 232.3330, 20.4510,
-12.7090

■ 39.0420, -68.5980,
42.7780

■ 245.0140, 22.6070,
-18.7450

■ 247.3620, 21.5070,
-20.8370

Harmonies

Analogous

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



136.7130, -44.4280, 1.2040



142.7810, -20.7720, 13.0200



145.8720, 4.0770, 19.7330

Triad

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



142.7810, -20.7720, 13.0200



143.9370, 39.8420, 4.8180



132.8290, -31.0360, -21.2440

Complementary

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



142.7810, -20.7720, 13.0200



176.2190, 20.7720, -13.0200

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.



136.3450, -6.1860, -20.0580



142.7810, -20.7720, 13.0200



141.8940, 32.2330, -5.9670

Square

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



142.7810, -20.7720, 13.0200



145.0050, 37.1350, 15.3350



139.4140, 15.7290, -15.2390



129.2750, -52.7230, -19.1790

Rectangle

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



142.7810, -20.7720, 13.0200



146.2390, 19.1610, 21.6970



139.4140, 15.7290, -15.2390



134.0210, -22.8290, -21.3010

Sweetspot

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



142.7810, -20.7720, 13.0200



227.2690, -7.8870, 5.2730



169.8170, -30.7620, -15.1940



111.6560, -4.7230, 2.9970



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



142.7810, -20.7720, 13.0200



175.2500, -32.0980, 20.0460



143.1790, -6.9730, 21.7550



86.6130, -3.1640, 2.2760



32.6870, -57.5930, 36.0630



6.4690, -11.3260, 7.0260

Inverse Universe

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



149.0690, 31.0830, 14.8830



184.9080, 47.9540, 23.0100



175.8210, 6.9730, -21.7550



87.8050, 5.0430, 2.2190



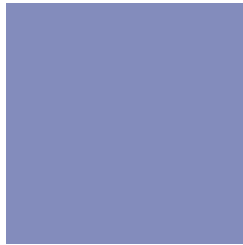
50.0920, 86.1430, 41.2710



9.8390, 16.8710, 8.1270

Previews

White Background



This preview shows how the YIQ color 142.7810, -20.7720, 13.0200 looks on a white background.

Color Contrast Check

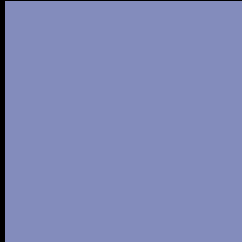
Large Text (above 18pt) WCAG AA ✓ Pass

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 142.7810, -20.7720, 13.0200 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 142.7810, -20.7720, 13.0200

Background



This preview shows how black text looks on a background with the YIQ color 142.7810, -20.7720, 13.0200.



This preview shows how white text looks on a background with the YIQ color 142.7810, -20.7720,

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

142.7810, -20.7720, 13.0200

Protanopia

142.7700, -22.2390, 12.0730

Deuteranopia

142.7810, -20.7720, 13.0200



Tritanopia

140.6760, -16.6430, -1.2430

Trichromacy



Original Color

142.7810, -20.7720, 13.0200

Protanomaly

143.0690, -21.6430, 12.2850

Deuteranomaly

142.7810, -20.7720, 13.0200

Tritanomaly

141.6530, -17.8360, 3.8600

Monochromacy



Original Color

142.7810, -20.7720, 13.0200

Achromatopsia

143.0000, -0.0000, 0.0000

Achromatomaly

143.0410, -7.2450, 4.6510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 142.7810, -20.7720, 13.0200 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, 140, 188)` looks like.

```
.text, #text, p{  
    color:rgb(131, 140, 188)  
}
```

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, 140, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 140, 188) }
```

Border

The CSS property to change the border of an element to YIQ 142.7810, -20.7720, 13.0200 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, 140, 188) }
```


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

```
.border{ border-color:rgb(131, 140, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 140, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 140, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 140, 188);  
box-shadow:4px 4px 4px 4px rgb(131, 140,  
188) }
```

Background

The CSS property to change the background color of an element to YIQ 142.7810, -20.7720, 13.0200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 140, 188) }
```

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

```
.background{ background-color: rgb(131,  
140, 188) }
```

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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