

Converting Colors

YIQ(140.7230, -5.6890, 20.5110)

Have a look what the booklet for
YIQ(140.7230, -5.6890, 20.5110)
contains.

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Color

**YIQ(140.7230, -5.6890,
20.5110)**

Conversions

Conversions Part 1

Format	Color
Hex	9481B6
RGB	148, 129, 182
RGB Percent	58%, 51%, 71%
CMY	0.4195, 0.4941, 0.2863
CMYK	0.19, 0.29, 0.00, 0.29
HSL	262°, 27%, 61%
HSV	262°, 29%, 71%
XYZ	28.5074, 25.3729, 47.6421
YIQ	140.7230, -5.6890, 20.5110

Conversions

Conversions Part 2

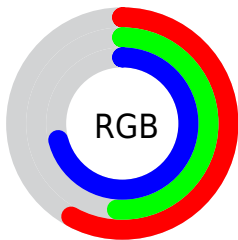
Format	Color
RYB	148, 129, 182
Decimal	9732534
CIELab	57.44, 18.15, -25.22
CIELCh	57, 31.073, 305.743
Yxy	25.3729, 0.2808, 0.2499
Android (android.graphics.Color)	4287922614 (0xFF9481B6)
YUV	140.7230, 20.3496, 6.3819
Hunter-Lab	50.3716, 12.8705, -20.8172

Details

The YIQ color $140.7230, -5.6890, 20.5110$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $170.2770, 5.6890, -20.5110$, and the grayscale version is $141.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $194.6630, -5.4600, 21.8680$, and $90.3700, -6.1930, 18.6310$ is the 20% darker color. If you saturate the color by 10%, you get $126.5690, -7.8910, 27.3810$, and if you desaturate by 10%, it is $154.8770, -3.4870, 13.6410$.

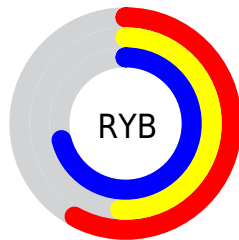
Distribution



Red (58%)

Green (51%)

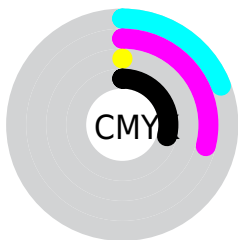
Blue (71%)



Red (58%)

Yellow (51%)

Blue (71%)

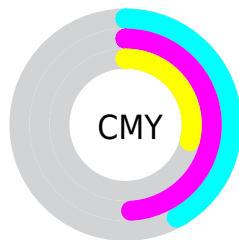


Cyan (19%)

Magenta (29%)

Yellow (0%)

Black (29%)



Cyan (42%)

Magenta (49%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 140.7230, -5.6890, 20.5110 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 140.7230, -5.6890, 20.5110 by changing the saturation by 10% instead.

■ 140.7230, -5.6890,
20.5110

■ 140.7230, -5.6890,
20.5110

■ 255.0000, -0.0000,
-0.0000

■ 115.1960, -5.6430,
19.6770

■ 194.6630, -5.4600,
21.8680

■ 90.3700, -6.1930,
18.6310

■ 221.4090, -1.9290,
18.4470

■ 66.8430, -6.1470,
17.7970

■ 245.0210, 4.6750,
8.8910

■ 43.9030, -6.3760,
16.4400

■ 22.0770, -6.9260,
15.3940

■ 3.8760, -10.9140,
10.5740

■ 1.0260, -2.8890,

2.7990

0.0000, 0.0000,
0.0000

140.7230, -5.6890,
20.5110

140.7230, -5.6890,
20.5110

126.5690, -7.8910,
27.3810

154.8770, -3.4870,
13.6410

112.7140, -9.4970,
34.4630

168.7320, -1.8810,
6.5590

97.9730, -11.4240,
41.8560

183.4730, 0.0460,
-0.8340

83.8190, -13.6260,
48.7260

197.6270, 2.2480,
-7.7040

69.9640, -15.2320,
55.8080

211.4820, 3.8540,
-14.7860

■ 55.8100, -17.4340,
62.6780

■ 225.6360, 6.0560,
-21.6560

■ 41.6560, -19.6360,
69.5480

■ 239.2030, 8.5330,
-28.0030

■ 40.1830, -19.6820,
70.3820

■ 242.4920, 15.0890,
-25.6710

■ 246.0800, 22.2410,
-23.1270

Harmonies

Analogous

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



135.7730, -35.4890, 9.9110



140.7230, -5.6890, 20.5110



141.4180, 20.2150, 24.6230

Triad

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



140.7230, -5.6890, 20.5110



137.8950, 39.6600, -2.9000



121.8460, -56.0690, -24.6210

Complementary

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



140.7230, -5.6890, 20.5110



170.2770, 5.6890, -20.5110

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.



128.3580, -25.3960, -24.3400



140.7230, -5.6890, 20.5110



135.6170, 25.4030, -14.3490

Square

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



140.7230, -5.6890, 20.5110



139.2630, 44.9760, 10.8960



132.7820, 2.7090, -21.5710



116.8730, -77.8940, -20.0540

Rectangle

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



140.7230, -5.6890, 20.5110



140.8940, 33.3740, 22.9260



132.7820, 2.7090, -21.5710



123.8210, -45.7530, -24.3530

Sweetspot

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



140.7230, -5.6890, 20.5110



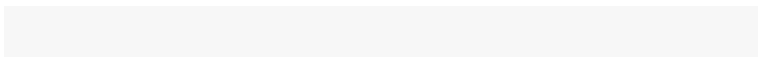
220.4870, -2.5690, 8.0150



155.0000, -26.3630, -1.2990



109.6780, -1.7890, 4.8910



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



140.7230, -5.6890, 20.5110



172.4320, -8.7630, 32.1730



148.4970, 9.8070, 26.0230



84.9230, -1.1010, 3.4350



34.5280, -16.7000, 60.3880



6.1820, -3.0280, 10.8280

Inverse Universe

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



148.7230, 20.6740, 21.8100



184.8590, 32.4550, 34.0790



162.5030, -9.8070, -26.0230



86.3750, 3.4380, 3.7740



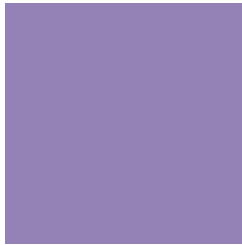
58.0440, 60.8760, 64.1720



10.4240, 10.9100, 11.5340

Previews

White Background



This preview shows how the YIQ color 140.7230, -5.6890, 20.5110 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 140.7230, -5.6890, 20.5110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

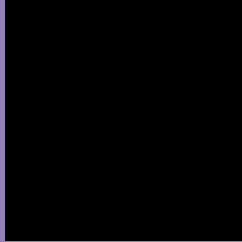
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 140.7230, -5.6890, 20.5110

Background



This preview shows how black text looks on a background with the YIQ color 140.7230, -5.6890, 20.5110.



This preview shows how white text looks on a background with the YIQ color 140.7230, -5.6890,

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

140.7230, -5.6890, 20.5110

Protanopia

137.9270, -24.1190, 13.1050

Deuteranopia

138.7380, -19.2130, 12.2990



Tritanopia

138.9340, 0.3660, 4.3820

Trichromacy



Original Color

140.7230, -5.6890, 20.5110

Protanomaly

138.6290, -17.2880, 15.9600

Deuteranomaly

139.0700, -14.2160, 15.3520

Tritanomaly

139.2530, -1.7900, 10.4180

Monochromacy



Original Color

140.7230, -5.6890, 20.5110

Achromatopsia

141.0000, -0.0000, -0.0000

Achromatomaly

141.2590, -1.9270, 7.3930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 140.7230, -5.6890, 20.5110 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(148, 129, 182)` looks like.

```
.text, #text, p{  
    color:rgb(148, 129, 182)  
}
```

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(148, 129, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 129, 182) }
```

Border

The CSS property to change the border of an element to YIQ 140.7230, -5.6890, 20.5110 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(148, 129, 182) }
```


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

```
.border{ border-color:rgb(148, 129, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 129, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 129, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 129, 182);  
box-shadow:4px 4px 4px 4px rgb(148, 129,  
182) }
```

Background

The CSS property to change the background color of an element to YIQ 140.7230, -5.6890, 20.5110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 129, 182) }
```

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

```
.background{ background-color: rgb(148,  
129, 182) }
```

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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