

Converting Colors

YIQ(120.8890, -12.9290,
-2.4730)

Have a look what the booklet for
YIQ(120.8890, -12.9290, -2.4730)
contains.

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Color

**YIQ(120.8890, -12.9290,
-2.4730)**

Conversions

Conversions Part 1

Format	Color
Hex	6B7E83
RGB	107, 126, 131
RGB Percent	42%, 49%, 51%
CMY	0.5804, 0.5058, 0.4863
CMYK	0.18, 0.04, 0.00, 0.49
HSL	192°, 10%, 47%
HSV	192°, 18%, 51%
XYZ	17.6198, 19.6872, 24.3391
YIQ	120.8890, -12.9290, -2.4730

Conversions

Conversions Part 2

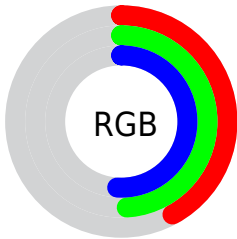
Format	Color
R_{YB}	107, 118, 131
Decimal	7044739
CIE _{Lab}	51.48, -5.77, -5.03
CIE _{LCh}	51, 7.658, 221.071
Yxy	19.6872, 0.2858, 0.3194
Android (android.graphics.Color)	4285234819 (0xFF6B7E83)
YUV	120.8890, 4.9847, -12.1807
Hunter-Lab	44.3703, -6.7642, -1.4640




Details

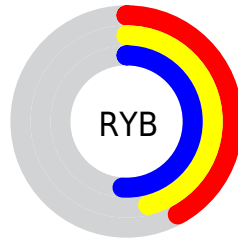
The YIQ color $120.8890, -12.9290, -2.4730$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $117.1110, 12.9290, 2.4730$, and the grayscale version is $121.0000, -0.0000, 0.0000$.




A 20% lighter version of the original color is $173.5900, -13.5250, -2.6850$, and $72.1880, -12.3330, -2.2610$ is the 20% darker color. If you saturate the color by 10%, you get $115.2410, -19.8520, -3.6600$, and if you desaturate by 10%, it is $126.5370, -6.0060, -1.2860$.

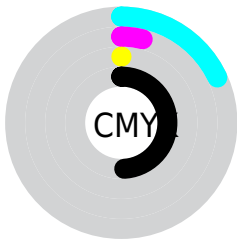
Distribution







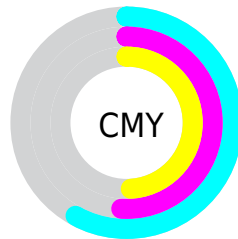
-  Red (42%)
-  Green (49%)
-  Blue (51%)






-  Red (42%)
-  Yellow (46%)
-  Blue (51%)



-  Cyan (18%)
-  Magenta (4%)
-  Yellow (0%)
-  Black (49%)



-  Cyan (58%)
-  Magenta (51%)
-  Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 120.8890, -12.9290, -2.4730 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 120.8890, -12.9290, -2.4730 by changing the saturation by 10% instead.

■ 120.8890,
-12.9290, -2.4730

■ 120.8890,
-12.9290, -2.4730

■ 255.0000, -0.0000,
-0.0000

■ 96.1880, -12.3330,
-2.2610

■ 173.5900,
-13.5250, -2.6850

■ 72.1880, -12.3330,
-2.2610

■ 200.7040,
-13.8460, -2.3740

■ 49.4870, -11.7370,
-2.0490

■ 228.4050,
-14.4420, -2.5860

■ 28.3730, -11.4160,
-2.3600

■ 251.1130, -7.7480,
-2.7560

■ 7.6940, -7.8860,
-0.2540

■ 0.0000, 0.0000,
0.0000

■ 120.8890,
-12.9290, -2.4730

■ 120.8890,
-12.9290, -2.4730

■ 115.2410,
-19.8520, -3.6600

■ 126.5370, -6.0060,
-1.2860

■ 110.1800,
-27.0500, -5.3700

■ 131.5980, 1.1920,
0.4240

■ 104.5320,
-33.9730, -6.5570

■ 137.2460, 8.1150,
1.6110

■ 98.8840, -40.8960,
-7.7440

■ 142.8940, 15.0380,
2.7980

■ 92.9370, -48.4150,
-9.1430

■ 148.5420, 21.9610,
3.9850

■ 87.8760, -55.6130,
-10.8530

■ 153.9020, 29.7550,
5.9070

■ 82.2280, -62.5360,
-12.0400

■ 159.5500, 36.6780,
7.0940

■ 76.5800, -69.4590,

■ 165.1980, 43.6010,

-13.2270

8.2810

■ 75.9820, -70.6510,
-13.6510

■ 170.2590, 50.7990,
9.9910

Harmonies

Analogous

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



120.7920, -11.2780, -4.8620



120.8890, -12.9290, -2.4730



121.3670, -11.2790, 0.6650

Triad

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



120.8890, -12.9290, -2.4730



124.0980, 5.7760, 5.4560



122.4150, 5.9610, -3.4070

Complementary

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



120.8890, -12.9290, -2.4730



117.1110, 12.9290, 2.4730

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.



123.0350, 10.0870, -1.0890



120.8890, -12.9290, -2.4730



123.9090, 10.6820, 4.6500

Square

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



120.8890, -12.9290, -2.4730



123.5750, -0.0010, 5.5270



123.5130, 11.7370, 2.0490



121.5390, -0.3200, -5.2160

Rectangle

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



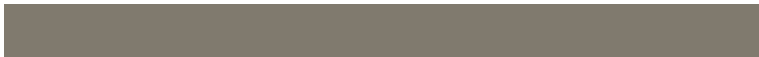
120.8890, -12.9290, -2.4730



122.3890, -8.3450, 2.5590



123.5130, 11.7370, 2.0490



122.4260, 7.4280, -2.4600

Sweetspot

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



120.8890, -12.9290, -2.4730



167.1350, -4.8140, -0.8620



121.6580, -8.2050, -10.9970



84.6190, -3.3010, -0.7490



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

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



120.8890, -12.9290, -2.4730



154.9420, -20.4480, -3.8720



113.8450, -9.6290, 3.8030



63.6190, -3.3010, -0.7490



75.2810, -70.0550, -13.4390



1.5160, -1.5130, -0.1130

Inverse Universe

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



116.3420, 8.2050, 10.9970



147.7820, 13.0180, 17.3860



124.1550, 9.6290, -3.8030



62.3640, 1.9710, 2.8270



50.6120, 44.4170, 59.5930



1.1250, 1.1460, 1.2580

Previews

White Background



This preview shows how the YIQ color 120.8890, -12.9290, -2.4730 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 120.8890, -12.9290, -2.4730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

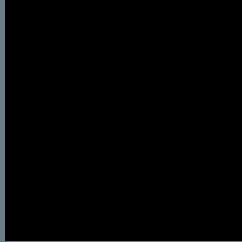
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

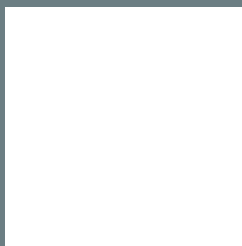
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 120.8890, -12.9290, -2.4730

Background



This preview shows how black text looks on a background with the YIQ color 120.8890, -12.9290, -2.4730.



This preview shows how white text looks on a background with the YIQ color 120.8890, -12.9290, -2.4730.

-2.4730.

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

120.8890, -12.9290, -2.4730

Protanopia

122.9830, -1.3300, 2.0780

Deuteranopia

123.7710, 2.3830, 6.3750



Tritanopia

121.0570, -13.3420, -0.4940

Trichromacy



Original Color

120.8890, -12.9290, -2.4730

Protanomaly

121.8900, -5.5020, 0.5940

Deuteranomaly

123.1400, -3.2100, 3.1100

Tritanomaly

120.9430, -13.0210, -0.8050

Monochromacy



Original Color

120.8890, -12.9290, -2.4730

Achromatopsia

121.0000, -0.0000, 0.0000

Achromatomaly

121.1350, -4.8140, -0.8620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 120.8890, -12.9290, -2.4730 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(107, 126, 131)` looks like.

```
.text, #text, p{  
    color:rgb(107, 126, 131)  
}
```

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(107, 126, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 126, 131) }
```

Border

The CSS property to change the border of an element to YIQ 120.8890, -12.9290, -2.4730 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(107, 126, 131) }
```


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

```
.border{ border-color:rgb(107, 126, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 126, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 126, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 126, 131);  
box-shadow:4px 4px 4px 4px rgb(107, 126,  
131) }
```

Background

The CSS property to change the background color of an element to YIQ 120.8890, -12.9290, -2.4730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 126, 131) }
```

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

```
.background{ background-color: rgb(107,  
126, 131) }
```

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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