

Converting Colors

YIQ(130.1290, -12.7040,
20.9920)

Have a look what the booklet for
YIQ(130.1290, -12.7040, 20.9920)
contains.

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Color

**YIQ(130.1290, -12.7040,
20.9920)**

Conversions

Conversions Part 1

Format	Color
Hex	8378B4
RGB	131, 120, 180
RGB Percent	51%, 47%, 71%
CMY	0.4862, 0.5294, 0.2942
CMYK	0.27, 0.33, 0.00, 0.29
HSL	251°, 29%, 59%
HSV	251°, 33%, 71%
XYZ	24.3142, 21.5527, 46.0454
YIQ	130.1290, -12.7040, 20.9920

Conversions

Conversions Part 2

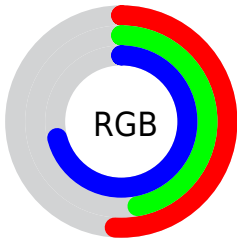
Format	Color
R_{YB}	131, 120, 180
Decimal	8616116
CIE _{Lab}	53.55, 17.62, -30.21
CIE _{LCh}	54, 34.972, 300.257
Yxy	21.5527, 0.2645, 0.2345
Android (android.graphics.Color)	4286806196 (0xFF8378B4)
YUV	130.1290, 24.5864, 0.7639
Hunter-Lab	46.4249, 12.2425, -26.3079

Details

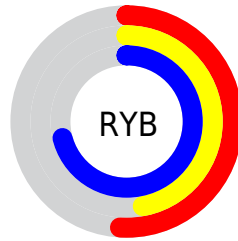
The YIQ color $130.1290, -12.7040, 20.9920$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $169.8710, 12.7040, -20.9920$, and the grayscale version is $130.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $183.1830, -12.7960, 22.6600$, and $80.0750, -12.6120, 19.3240$ is the 20% darker color. If you saturate the color by 10%, you get $115.0780, -16.6940, 27.2260$, and if you desaturate by 10%, it is $145.1800, -8.7140, 14.7580$.

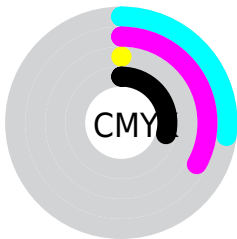
Distribution



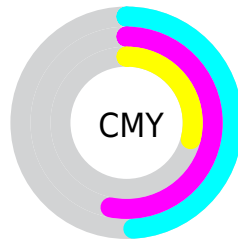
- Red (51%)
- Green (47%)
- Blue (71%)



- Red (51%)
- Yellow (47%)
- Blue (71%)



- Cyan (27%)
- Magenta (33%)
- Yellow (0%)
- Black (29%)



- Cyan (49%)
- Magenta (53%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 130.1290, -12.7040, 20.9920 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 130.1290, -12.7040, 20.9920 by changing the saturation by 10% instead.

■ 130.1290,
-12.7040, 20.9920

■ 130.1290,
-12.7040, 20.9920

■ 255.0000, -0.0000,
-0.0000

■ 104.6020,
-12.6580, 20.1580

■ 183.1830,
-12.7960, 22.6600

■ 80.0750, -12.6120,
19.3240

■ 210.1570, -9.9070,
19.8610

■ 56.8360, -13.4370,
17.7550

■ 235.2640, -0.3230,
11.3650

■ 34.4830, -13.9410,
15.8750

■ 10.3090, -13.3910,
16.9210

■ 4.8220, -10.8220,
8.9060

■ 0.4560, -1.2840,

1.2440

■ 0.0000, 0.0000,
0.0000

■ 130.1290,
-12.7040, 20.9920

■ 130.1290,
-12.7040, 20.9920

■ 115.0780,
-16.6940, 27.2260

■ 145.1800, -8.7140,
14.7580

■ 100.3260,
-20.0880, 33.6720

■ 159.9320, -5.3200,
8.3120

■ 85.2750, -24.0780,
39.9060

■ 174.9830, -1.3300,
2.0780

■ 70.2240, -28.0680,
46.1400

■ 190.0340, 2.6600,
-4.1560

■ 55.4720, -31.4620,
52.5860

■ 204.7860, 6.0540,
-10.6020

■ 40.4210, -35.4520,
58.8200

■ 219.8370, 10.0440,
-16.8360

■ 30.3870, -38.1120,
62.9760

■ 234.8880, 14.0340,
-23.0700

■ 244.6560, 20.4990,
-24.5970

■ 246.4500, 24.0750,
-23.3250

Harmonies

Analogous

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



122.5480, -48.0970, 7.1270



130.1290, -12.7040, 20.9920



131.6290, 18.2430, 27.3230

Triad

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



130.1290, -12.7040, 20.9920



127.8850, 45.6200, -0.7800



105.8830, -66.6590, -30.9390

Complementary

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



130.1290, -12.7040, 20.9920



169.8710, 12.7040, -20.9920

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.



117.4460, -22.8280, -26.8280



130.1290, -12.7040, 20.9920



125.5530, 31.4550, -13.8970

Square

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



130.1290, -12.7040, 20.9920



129.1110, 48.4600, 13.8360



122.3650, 8.2570, -22.9990



101.8390, -89.7220, -25.9620

Rectangle

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



130.1290, -12.7040, 20.9920



131.3010, 33.7860, 26.4740



122.3650, 8.2570, -22.9990



111.3320, -48.8700, -28.4380

Sweetspot

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



130.1290, -12.7040, 20.9920



214.9320, -5.3200, 8.3120



155.6030, -32.7350, -6.9670



105.4930, -2.7060, 4.9900



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



130.1290, -12.7040, 20.9920



156.7990, -20.0420, 32.8380



139.0990, 5.1760, 27.3520



81.6240, -1.6970, 3.2230



25.8140, -32.4250, 53.5190



4.4590, -5.3660, 9.1460

Inverse Universe

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



143.5260, 20.0310, 27.9590



177.7700, 31.6280, 43.5640



160.9010, -5.1760, -27.3520



83.6030, 2.7960, 4.3960



59.9970, 51.0630, 71.3110



10.1680, 8.7550, 12.0430

Previews

White Background



This preview shows how the YIQ color 130.1290, -12.7040, 20.9920 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 130.1290, -12.7040, 20.9920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

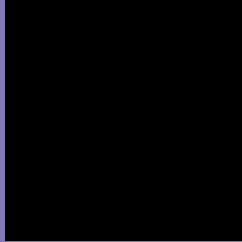
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 130.1290, -12.7040, 20.9920

Background



This preview shows how black text looks on a background with the YIQ color 130.1290, -12.7040, 20.9920.



This preview shows how white text looks on a background with the YIQ color 130.1290, -12.7040,

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

130.1290, -12.7040, 20.9920

Protanopia

127.6430, -29.0710, 14.7450

Deuteranopia

127.5570, -25.9530, 13.3030



Tritanopia

127.6450, -6.1900, 2.0500

Trichromacy



Original Color

130.1290, -12.7040, 20.9920

Protanomaly

128.6330, -23.1110, 16.8650

Deuteranomaly

128.4760, -21.2310, 15.8330

Tritanomaly

128.4910, -8.3920, 8.9200

Monochromacy



Original Color

130.1290, -12.7040, 20.9920

Achromatopsia

130.0000, -0.0000, -0.0000

Achromatomaly

129.7040, -4.6780, 7.6900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 130.1290, -12.7040, 20.9920 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, 120, 180)` looks like.

```
.text, #text, p{  
    color:rgb(131, 120, 180)  
}
```

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, 120, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 120, 180) }
```

Border

The CSS property to change the border of an element to YIQ 130.1290, -12.7040, 20.9920 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, 120, 180) }
```


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

```
.border{ border-color:rgb(131, 120, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 120, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 120, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 120, 180);  
box-shadow:4px 4px 4px 4px rgb(131, 120,  
180) }
```

Background

The CSS property to change the background color of an element to YIQ 130.1290, -12.7040, 20.9920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 120, 180) }
```

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

```
.background{ background-color: rgb(131,  
120, 180) }
```

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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