

Converting Colors

YIQ(131.6170, -17.0140,
22.0100)

Have a look what the booklet for
YIQ(131.6170, -17.0140, 22.0100)
contains.

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Color

**YIQ(131.6170, -17.0140,
22.0100)**

Conversions

Conversions Part 1

Format	Color
Hex	817ABC
RGB	129, 122, 188
RGB Percent	51%, 48%, 74%
CMY	0.4940, 0.5216, 0.2629
CMYK	0.31, 0.35, 0.00, 0.26
HSL	246°, 33%, 61%
HSV	246°, 35%, 74%
XYZ	25.0885, 22.2162, 50.5257
YIQ	131.6170, -17.0140, 22.0100

Conversions

Conversions Part 2

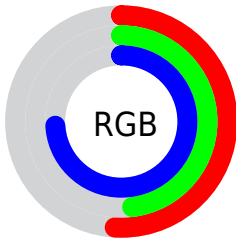
Format	Color
R _Y B	129, 122, 188
Decimal	8485564
CIE _{Lab}	54.26, 17.91, -33.71
CIE _{LCh}	54, 38.172, 297.984
Y _{xy}	22.2162, 0.2564, 0.2271
Android (android.graphics.Color)	4286675644 (0xFF817ABC)
YUV	131.6170, 27.7968, -2.2951
Hunter-Lab	47.1341, 12.5274, -30.5625

Details

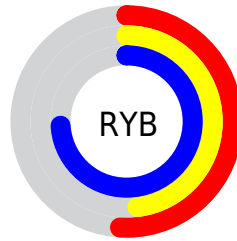
The YIQ color **131.6170, -17.0140, 22.0100** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **178.3830, 17.0140, -22.0100**, and the grayscale version is **131.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **184.7850, -17.4270, 23.9890**, and **81.1500, -17.1970, 19.8190** is the 20% darker color. If you saturate the color by 10%, you get **115.3810, -21.9210, 28.3430**, and if you desaturate by 10%, it is **147.8530, -12.1070, 15.6770**.

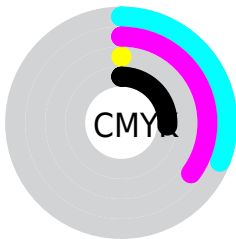
Distribution



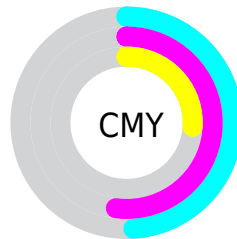
- Red (51%)
- Green (48%)
- Blue (74%)



- Red (51%)
- Yellow (48%)
- Blue (74%)



- Cyan (31%)
- Magenta (35%)
- Yellow (0%)
- Black (26%)



- Cyan (49%)
- Magenta (52%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 131.6170, -17.0140, 22.0100 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 131.6170, -17.0140, 22.0100 by changing the saturation by 10% instead.

■ 131.6170,
-17.0140, 22.0100

■ 131.6170,
-17.0140, 22.0100

■ 255.0000, -0.0000,
-0.0000

■ 106.0900,
-16.9680, 21.1760

■ 184.6710,
-17.1060, 23.6780

■ 81.1500, -17.1970,
19.8190

■ 211.0320,
-11.0530, 18.6030

■ 57.9110, -18.0220,
18.2500

■ 235.8400, -2.0650,
9.8950

■ 34.9600, -19.7180,
15.9460

■ 11.0630, -21.5060,
15.3100

■ 6.0930, -13.0230,
10.2490

■ 2.2970, -5.0900,

4.1420

■ 0.0000, 0.0000,
0.0000

■ 131.6170,
-17.0140, 22.0100

■ 131.6170,
-17.0140, 22.0100

■ 115.3810,
-21.9210, 28.3430

■ 147.8530,
-12.1070, 15.6770

■ 99.1450, -26.8280,
34.6760

■ 164.0890, -7.2000,
9.3440

■ 83.7950, -31.4140,
40.6980

■ 179.4390, -2.6140,
3.3220

■ 67.5590, -36.3210,
47.0310

■ 195.6750, 2.2930,
-3.0110

■ 51.3230, -41.2280,
53.3640

■ 211.9110, 7.2000,
-9.3440

■ 35.0870, -46.1350,
59.6970

■ 228.1470, 12.1070,
-15.6770

■ 27.4120, -48.4280,
62.7080

■ 244.3830, 17.0140,
-22.0100

■ 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.



121.5190, -58.3210, 5.1910



131.6170, -17.0140, 22.0100



133.9110, 17.5090, 29.6130

Triad

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



131.6170, -17.0140, 22.0100



128.9780, 49.7920, 0.7040



100.6530, -80.8710, -37.6950

Complementary

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



131.6170, -17.0140, 22.0100



178.3830, 17.0140, -22.0100

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.



117.9790, -23.0110, -29.0190



131.6170, -17.0140, 22.0100



127.0650, 35.7650, -14.9150

Square

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



131.6170, -17.0140, 22.0100



130.2580, 52.5400, 16.9880



123.9800, 10.7790, -24.6530



103.9420, -91.5100, -26.5980

Rectangle

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



131.6170, -17.0140, 22.0100



132.7790, 35.4360, 29.6120



123.9800, 10.7790, -24.6530



110.7720, -53.2250, -32.1130

Sweetspot

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



131.6170, -17.0140, 22.0100



221.9750, -6.8790, 9.0330



164.1570, -37.4110, -10.3310



108.4220, -3.9440, 5.4000



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.



131.6170, -17.0140, 22.0100



157.0310, -26.5070, 34.3650



141.4840, 2.6540, 29.0060



86.3250, -2.2930, 3.0110



23.0950, -40.5860, 52.7420



4.4310, -8.1630, 10.2770

Inverse Universe

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



148.4600, 20.3970, 32.3410



183.2850, 31.8560, 50.4480



168.5160, -2.6540, -29.0060



88.6030, 2.7960, 4.3960



63.3160, 48.9070, 77.3470



12.3470, 9.8090, 14.9690

Previews

White Background



This preview shows how the YIQ color 131.6170, -17.0140, 22.0100 looks on a white background.

Color Contrast Check

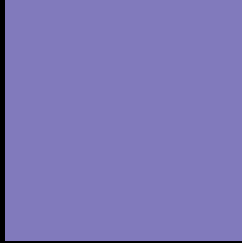
Large Text (above 18pt) WCAG AA ✓ Pass

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 131.6170, -17.0140, 22.0100 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 131.6170, -17.0140, 22.0100

Background



This preview shows how black text looks on a background with the YIQ color 131.6170, -17.0140, 22.0100.



This preview shows how white text looks on a background with the YIQ color 131.6170, -17.0140,

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

131.6170, -17.0140, 22.0100

Protanopia

129.4300, -32.7850, 15.9750

Deuteranopia

129.0340, -31.7300, 13.3740



Tritanopia

128.6660, -10.6830, 0.8770

Trichromacy



Original Color

131.6170, -17.0140, 22.0100

Protanomaly

130.4200, -26.8250, 18.0950

Deuteranomaly

129.6650, -26.1370, 16.6390

Tritanomaly

130.0390, -12.9310, 8.5810

Monochromacy



Original Color

131.6170, -17.0140, 22.0100

Achromatopsia

132.0000, -0.0000, -0.0000

Achromatomaly

131.6330, -5.9160, 8.1000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 131.6170, -17.0140, 22.0100 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(129, 122, 188)` looks like.

```
.text, #text, p{  
    color:rgb(129, 122, 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(129, 122, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 122, 188) }
```

Border

The CSS property to change the border of an element to YIQ 131.6170, -17.0140, 22.0100 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(129, 122, 188) }
```


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

```
.border{ border-color:rgb(129, 122, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 122, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 122, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 122, 188);  
box-shadow:4px 4px 4px 4px rgb(129, 122,  
188) }
```

Background

The CSS property to change the background color of an element to YIQ 131.6170, -17.0140, 22.0100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 122, 188) }
```

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

```
.background{ background-color: rgb(129,  
122, 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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