

Converting Colors

YIQ(135.7270, -28.7070,
30.1810)

Have a look what the booklet for
YIQ(135.7270, -28.7070, 30.1810)
contains.

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Color

**YIQ(135.7270, -28.7070,
30.1810)**

Conversions

Conversions Part 1

Format	Color
Hex	7F7CDB
RGB	127, 124, 219
RGB Percent	50%, 49%, 86%
CMY	0.5019, 0.5137, 0.1414
CMYK	0.42, 0.43, 0.00, 0.14
HSL	242°, 57%, 67%
HSV	242°, 43%, 86%
XYZ	28.7423, 24.0403, 70.1102
YIQ	135.7270, -28.7070, 30.1810

Conversions

Conversions Part 2

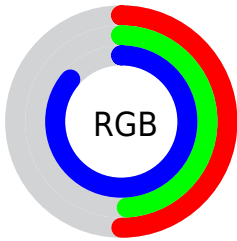
Format	Color
RYB	127, 124, 219
Decimal	8355035
CIELab	56.13, 24.71, -48.35
CIELCh	56, 54.294, 297.072
Yxy	24.0403, 0.2339, 0.1956
Android (android.graphics.Color)	4286545115 (0xFF7F7CDB)
YUV	135.7270, 41.0536, -7.6536
Hunter-Lab	49.0309, 18.8340, -50.4581

Details

The YIQ color $135.7270, -28.7070, 30.1810$ is a light color, and the websafe version is hex $6666CC$. A complement of this color would be $207.2730, 28.7070, -30.1810$, and the grayscale version is $135.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $187.6860, -21.4620, 25.5300$, and $83.8360, -30.6320, 26.5200$ is the 20% darker color. If you saturate the color by 10%, you get $116.5340, -35.1730, 37.2350$, and if you desaturate by 10%, it is $154.9200, -22.2410, 23.1270$.

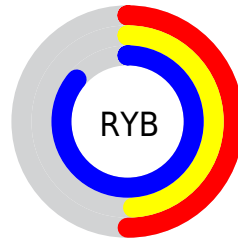
Distribution



Red (50%)

Green (49%)

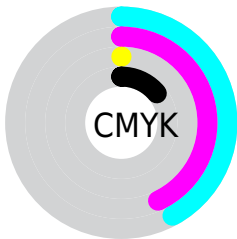
Blue (86%)



Red (50%)

Yellow (49%)

Blue (86%)

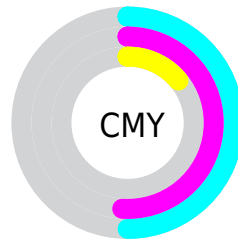


Cyan (42%)

Magenta (43%)

Yellow (0%)

Black (14%)



Cyan (50%)

Magenta (51%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 135.7270, -28.7070, 30.1810 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 135.7270, -28.7070, 30.1810 by changing the saturation by 10% instead.

■ 135.7270,
-28.7070, 30.1810

■ 135.7270,
-28.7070, 30.1810

■ 255.0000, -0.0000,
-0.0000

■ 109.4880,
-29.5320, 28.6120

■ 187.6860,
-21.4620, 25.5300

■ 83.8360, -30.6320,
26.5200

■ 212.2060,
-11.6030, 17.5570

■ 58.9880, -34.1160,
23.5800

■ 237.6120, -1.4230,
9.2730

■ 31.4380, -44.4310,
17.7850

■ 16.8480, -30.9060,
20.4700

■ 7.0680, -19.9020,
19.2820

■ 6.2070, -13.3440,

10.5600

■ 2.4110, -5.4110,
4.4530

■ 0.0000, 0.0000,
0.0000

■ 135.7270,
-28.7070, 30.1810

■ 135.7270,
-28.7070, 30.1810

■ 116.5340,
-35.1730, 37.2350

■ 154.9200,
-22.2410, 23.1270

■ 97.3410, -41.6390,
44.2890

■ 174.1130,
-15.7750, 16.0730

■ 77.8490, -48.7010,
51.1310

■ 193.6050, -8.7130,
9.2310

■ 58.6560, -55.1670,
58.1850

■ 212.7980, -2.2470,
2.1770

■ 40.0500, -61.9080,
64.7160

■ 231.4040, 4.4940,
-4.3540

■ 27.0590, -66.1270,
69.5930

■ 250.5970, 10.9600,
-11.4080

■ 250.8960, 11.5560,
-11.1960

Harmonies

Analogous

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



108.8730, -112.2840, -2.5240



135.7270, -28.7070, 30.1810



138.2790, 22.8250, 43.4090

Triad

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



135.7270, -28.7070, 30.1810



131.5150, 70.1490, 0.7170



106.7510, -84.2630, -42.3030

Complementary

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



135.7270, -28.7070, 30.1810



207.2730, 28.7070, -30.1810

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.



114.2940, -37.6800, -44.0160



135.7270, -28.7070, 30.1810



129.1680, 51.1720, -24.3160

Square

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



135.7270, -28.7070, 30.1810



131.9620, 74.2250, 25.9770



124.4130, 16.3290, -37.1350



112.2230, -99.6710, -27.3750

Rectangle

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



135.7270, -28.7070, 30.1810



135.2790, 49.1880, 44.7080



124.4130, 16.3290, -37.1350



104.3400, -78.8520, -46.7560

Sweetspot

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



135.7270, -28.7070, 30.1810



226.0610, -9.9970, 10.4750



189.4210, -56.0700, -19.0940



109.6930, -6.1450, 6.7430



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



135.7270, -28.7070, 30.1810



138.6570, -39.7130, 42.4230



149.4810, -1.2910, 39.9330



100.2540, -3.5310, 3.4210



21.5160, -51.9570, 55.0750



5.5430, -14.1700, 14.5180

Inverse Universe

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



162.8930, 27.0880, 48.7520



176.4730, 37.8590, 68.3150



193.5190, 1.2910, -39.9330



103.4290, 3.3460, 5.4420



70.8790, 49.1800, 88.9240



18.7700, 13.2920, 23.4360

Previews

White Background



This preview shows how the YIQ color 135.7270, -28.7070, 30.1810 looks on a white background.

Color Contrast Check

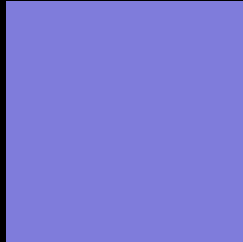
Large Text (above 18pt) WCAG AA ✓ Pass

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 135.7270, -28.7070, 30.1810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

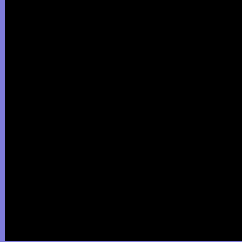
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 135.7270, -28.7070, 30.1810

Background



This preview shows how black text looks on a background with the YIQ color 135.7270, -28.7070, 30.1810.



This preview shows how white text looks on a background with the YIQ color 135.7270, -28.7070,

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

135.7270, -28.7070, 30.1810

Protanopia

131.0660, -51.9510, 21.9130

Deuteranopia

129.6970, -55.5260, 15.1140



Tritanopia

131.5830, -20.8150, -2.7270

Trichromacy



Original Color

135.7270, -28.7070, 30.1810

Protanomaly

132.5510, -43.0110, 25.0930

Deuteranomaly

131.9480, -45.8070, 20.6970

Tritanomaly

133.2920, -23.8890, 8.9350

Monochromacy



Original Color

135.7270, -28.7070, 30.1810

Achromatopsia

136.0000, -0.0000, 0.0000

Achromatomaly

136.1750, -10.3180, 10.7860

CSS Examples

Text

The CSS property to change the color of the text to YIQ 135.7270, -28.7070, 30.1810 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(127, 124, 219)` looks like.

```
.text, #text, p{  
    color:rgb(127, 124, 219)  
}
```

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(127, 124, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 124, 219) }
```

Border

The CSS property to change the border of an element to YIQ 135.7270, -28.7070, 30.1810 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(127, 124, 219) }
```


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

```
.border{ border-color:rgb(127, 124, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 124, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 124, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 124, 219);  
box-shadow:4px 4px 4px 4px rgb(127, 124,  
219) }
```

Background

The CSS property to change the background color of an element to YIQ 135.7270, -28.7070, 30.1810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 124, 219) }
```

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

```
.background{ background-color: rgb(127,  
124, 219) }
```

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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