

Converting Colors

YIQ(137.6770, -17.2430,
20.6530)

Have a look what the booklet for
YIQ(137.6770, -17.2430, 20.6530)
contains.

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Color

**YIQ(137.6770, -17.2430,
20.6530)**

Conversions

Conversions Part 1

Format	Color
Hex	8681C0
RGB	134, 129, 192
RGB Percent	53%, 51%, 75%
CMY	0.4744, 0.4941, 0.2472
CMYK	0.30, 0.33, 0.00, 0.25
HSL	245°, 33%, 63%
HSV	245°, 33%, 75%
XYZ	27.1947, 24.5739, 53.1617
YIQ	137.6770, -17.2430, 20.6530

Conversions

Conversions Part 2

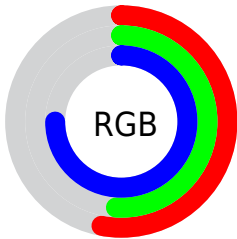
Format	Color
RYB	134, 129, 192
Decimal	8815040
CIELab	56.66, 16.29, -32.21
CIELCh	57, 36.100, 296.827
Yxy	24.5739, 0.2592, 0.2342
Android (android.graphics.Color)	4287005120 (0xFF8681C0)
YUV	137.6770, 26.7812, -3.2247
Hunter-Lab	49.5720, 11.1723, -28.8830

Details

The YIQ color $137.6770, -17.2430, 20.6530$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $183.3230, 17.2430, -20.6530$, and the grayscale version is $137.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $191.7310, -17.3350, 22.3210$, and $87.2100, -17.4260, 18.4620$ is the 20% darker color. If you saturate the color by 10%, you get $121.1420, -22.7460, 26.7740$, and if you desaturate by 10%, it is $154.2120, -11.7400, 14.5320$.

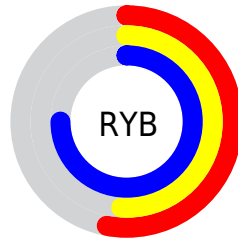
Distribution



Red (53%)

Green (51%)

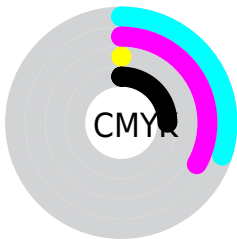
Blue (75%)



Red (53%)

Yellow (51%)

Blue (75%)

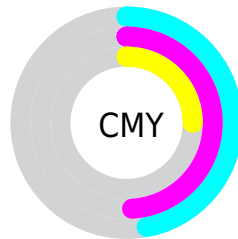


Cyan (30%)

Magenta (33%)

Yellow (0%)

Black (25%)



Cyan (47%)

Magenta (49%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 137.6770, -17.2430, 20.6530 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 137.6770, -17.2430, 20.6530 by changing the saturation by 10% instead.

■ 137.6770,
-17.2430, 20.6530

■ 137.6770,
-17.2430, 20.6530

■ 255.0000, -0.0000,
-0.0000

■ 112.1500,
-17.1970, 19.8190

■ 191.7310,
-17.3350, 22.3210

■ 87.2100, -17.4260,
18.4620

■ 216.6360, -9.9980,
16.0020

■ 63.2700, -17.6550,
17.1050

■ 242.3300, -0.6890,
6.9830

■ 40.7320, -19.0760,
15.3240

■ 16.6990, -23.4770,
12.4830

■ 5.3750, -13.7570,
12.5390

■ 2.8670, -6.6950,

5.6970

■ 0.0000, 0.0000,
0.0000

■ 137.6770,
-17.2430, 20.6530

■ 137.6770,
-17.2430, 20.6530

■ 121.1420,
-22.7460, 26.7740

■ 154.2120,
-11.7400, 14.5320

■ 104.9060,
-27.6530, 33.1070

■ 170.4480, -6.8330,
8.1990

■ 87.7840, -32.8810,
39.7510

■ 187.5700, -1.6050,
1.5550

■ 71.2490, -38.3840,
45.8720

■ 204.1050, 3.8980,
-4.5660

■ 55.0130, -43.2910,
52.2050

■ 220.3410, 8.8050,
-10.8990

■ 38.4780, -48.7940,
58.3260

■ 236.8760, 14.3080,
-17.0200

■ 26.3730, -52.6920,
62.8920

■ 247.8180, 20.2230,
-19.5930

Harmonies

Analogous

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



128.6720, -54.3780, 5.3180



137.6770, -17.2430, 20.6530



140.1880, 15.1710, 27.9310

Triad

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



137.6770, -17.2430, 20.6530



135.9070, 48.5540, 1.1140



115.5200, -61.2030, -30.6990

Complementary

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



137.6770, -17.2430, 20.6530



183.3230, 17.2430, -20.6530

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.



125.4740, -20.0310, -27.9590



137.6770, -17.2430, 20.6530



133.8200, 35.0770, -13.4590

Square

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



137.6770, -17.2430, 20.6530



137.3610, 50.7520, 16.3520



130.8060, 11.3290, -23.6070



107.8060, -94.1230, -28.8030

Rectangle

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



137.6770, -17.2430, 20.6530



139.1700, 32.7770, 28.2410



130.8060, 11.3290, -23.6070



119.7730, -45.7980, -29.0460

Sweetspot

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



137.6770, -17.2430, 20.6530



228.4480, -6.8330, 8.1990



170.8150, -36.4480, -11.2640



112.0090, -4.2190, 4.8770



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



137.6770, -17.2430, 20.6530



165.5640, -26.6900, 32.1740



146.9460, 1.2330, 27.2250



88.4390, -2.6140, 3.3220



22.2410, -43.9330, 52.8270



4.6590, -8.8050, 10.8990

Inverse Universe

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



154.4490, 18.9300, 31.3940



191.5620, 29.5180, 48.7660



174.0540, -1.2330, -27.2250



91.0160, 3.0710, 4.9190



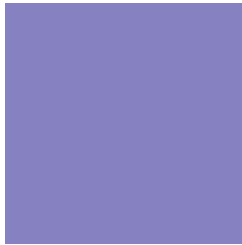
65.0110, 48.4480, 80.1600



13.4010, 9.7170, 16.6370

Previews

White Background



This preview shows how the YIQ color 137.6770, -17.2430, 20.6530 looks on a white background.

Color Contrast Check

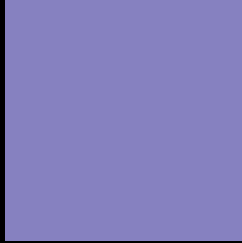
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.6770, -17.2430, 20.6530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

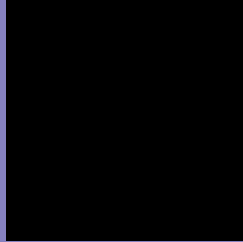
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 137.6770, -17.2430, 20.6530

Background



This preview shows how black text looks on a background with the YIQ color 137.6770, -17.2430, 20.6530.



This preview shows how white text looks on a background with the YIQ color 137.6770, -17.2430,

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

137.6770, -17.2430, 20.6530

Protanopia

135.6860, -30.6300, 15.4660

Deuteranopia

135.1160, -29.0250, 13.9110



Tritanopia

135.3670, -11.2790, 0.6650

Trichromacy



Original Color

137.6770, -17.2430, 20.6530

Protanomaly

136.4910, -25.5870, 17.6850

Deuteranomaly

136.0350, -24.3030, 16.4410

Tritanomaly

136.3270, -13.8020, 7.8460

Monochromacy



Original Color

137.6770, -17.2430, 20.6530

Achromatopsia

138.0000, -0.0000, -0.0000

Achromatomaly

138.2200, -6.1910, 7.5770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.6770, -17.2430, 20.6530 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(134, 129, 192)` looks like.

```
.text, #text, p{  
    color:rgb(134, 129, 192)  
}
```

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(134, 129, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 129, 192) }
```

Border

The CSS property to change the border of an element to YIQ 137.6770, -17.2430, 20.6530 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(134, 129, 192) }
```


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

```
.border{ border-color:rgb(134, 129, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 129, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 129, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 129, 192);  
box-shadow:4px 4px 4px 4px rgb(134, 129,  
192) }
```

Background

The CSS property to change the background color of an element to YIQ 137.6770, -17.2430, 20.6530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 129, 192) }
```

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

```
.background{ background-color: rgb(134,  
129, 192) }
```

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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