

Converting Colors

YIQ(136.6930, -6.1450, 6.7430)

Have a look what the booklet for
YIQ(136.6930, -6.1450, 6.7430)
contains.

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Color

**YIQ(136.6930, -6.1450,
6.7430)**

Conversions

Conversions Part 1

Format	Color
Hex	87869B
RGB	135, 134, 155
RGB Percent	53%, 53%, 61%
CMY	0.4706, 0.4745, 0.3922
CMYK	0.13, 0.14, 0.00, 0.39
HSL	243°, 9%, 57%
HSV	243°, 14%, 61%
XYZ	24.4329, 24.5675, 34.4600
YIQ	136.6930, -6.1450, 6.7430

Conversions

Conversions Part 2

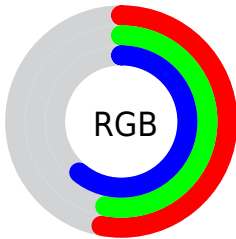
Format	Color
R_{YB}	135, 134, 155
Decimal	8881819
CIE _{Lab}	56.65, 4.76, -11.03
CIE _{LCh}	57, 12.019, 293.356
Yxy	24.5675, 0.2927, 0.2944
Android (android.graphics.Color)	4287071899 (0xFF87869B)
YUV	136.6930, 9.0254, -1.4848
Hunter-Lab	49.5656, 1.2499, -6.5249

Details

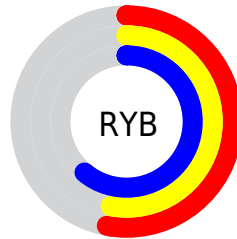
The YIQ color $136.6930, -6.1450, 6.7430$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $152.3070, 6.1450, -6.7430$, and the grayscale version is $137.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $189.8070, -6.4660, 7.0540$, and $86.5790, -5.8240, 6.4320$ is the 20% darker color. If you saturate the color by 10%, you get $123.4030, -10.9600, 11.4080$, and if you desaturate by 10%, it is $150.5700, -1.6050, 1.5550$.

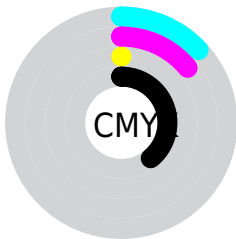
Distribution



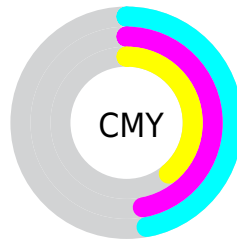
- Red (53%)
- Green (53%)
- Blue (61%)



- Red (53%)
- Yellow (53%)
- Blue (61%)



- Cyan (13%)
- Magenta (14%)
- Yellow (0%)
- Black (39%)



- Cyan (47%)
- Magenta (47%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 136.6930, -6.1450, 6.7430 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 136.6930, -6.1450, 6.7430 by changing the saturation by 10% instead.

■ 136.6930, -6.1450,
6.7430

■ 136.6930, -6.1450,
6.7430

255.0000, -0.0000,
-0.0000

■ 111.5790, -5.8240,
6.4320

■ 189.8070, -6.4660,
7.0540

■ 86.5790, -5.8240,
6.4320

■ 217.9210, -6.7870,
7.3650

■ 63.4650, -5.5030,
6.1210

■ 244.9660, -2.6600,
4.1560

■ 41.9380, -5.4570,
5.2870

■ 20.8240, -5.1360,
4.9760

■ 2.0690, -4.4480,
3.5200

■ 0.0000, 0.0000,

0.0000

■ 136.6930, -6.1450,
6.7430

■ 136.6930, -6.1450,
6.7430

■ 123.4030,
-10.9600, 11.4080

■ 150.5700, -1.6050,
1.5550

■ 109.5260,
-15.5000, 16.5960

■ 163.8600, 3.2100,
-3.1100

■ 96.5350, -19.7190,
21.4730

■ 176.8510, 7.4290,
-7.9870

■ 82.6580, -24.2590,
26.6610

■ 190.7280, 11.9690,
-13.1750

■ 69.3680, -29.0740,
31.3260

■ 204.0180, 16.7840,
-17.8400

■ 55.4910, -33.6140,
36.5140

■ 217.8950, 21.3240,
-23.0280

■ 42.5000, -37.8330,
41.3910

■ 230.8860, 25.5430,
-27.9050

■ 28.6230, -42.3730,
46.5790

■ 243.0020, 30.9080,
-31.5240

■ 19.7630, -45.5830,
49.6890

■ 243.6000, 32.1000,
-31.1000

Harmonies

Analogous

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



135.2680, -15.3140, 2.2060



136.6930, -6.1450, 6.7430



137.7220, 4.0790, 8.6790

Triad

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



136.6930, -6.1450, 6.7430



136.9220, 17.8350, 1.6670



132.6020, -13.7990, -8.7350

Complementary

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



136.6930, -6.1450, 6.7430



152.3070, 6.1450, -6.7430

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.



132.9790, -4.6750, -8.8910



136.6930, -6.1450, 6.7430



135.7210, 13.8470, -3.1530

Square

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



136.6930, -6.1450, 6.7430



137.5570, 17.6050, 5.8370



134.7090, 4.9530, -7.1670



132.3610, -20.3100, -6.3740

Rectangle

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



136.6930, -6.1450, 6.7430



137.9570, 10.7270, 9.3430



134.7090, 4.9530, -7.1670



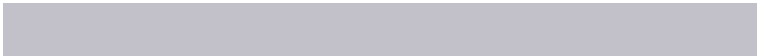
132.8580, -11.6440, -9.2440

Sweetspot

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



136.6930, -6.1450, 6.7430



194.2110, -1.9720, 2.7000



148.1340, -12.2410, -3.9290



97.5700, -1.6050, 1.5550



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

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



136.6930, -6.1450, 6.7430



173.2460, -9.0800, 10.3760



139.6830, -0.1850, 8.8630



69.9120, -2.5680, 2.4880



18.0530, -40.7680, 45.0240



1.7810, -3.5770, 4.2550

Inverse Universe

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



142.5590, 6.0960, 10.6720



182.1020, 9.1210, 16.4250



149.3170, 0.1850, -8.8630



72.1900, 2.5210, 3.8730



57.1360, 40.4260, 71.3540



5.2550, 3.8960, 6.4880

Previews

White Background



This preview shows how the YIQ color 136.6930, -6.1450, 6.7430 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 136.6930, -6.1450, 6.7430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

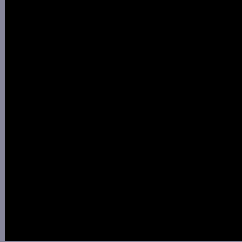
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 136.6930, -6.1450, 6.7430

Background



This preview shows how black text looks on a background with the YIQ color 136.6930, -6.1450, 6.7430.



This preview shows how white text looks on a background with the YIQ color 136.6930, -6.1450,

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

136.6930, -6.1450, 6.7430

Protanopia

136.3830, -8.2080, 5.5840

Deuteranopia

137.0140, -2.6150, 8.8490



Tritanopia

135.9550, -4.1270, 3.2090

Trichromacy



Original Color

136.6930, -6.1450, 6.7430

Protanomaly

136.6820, -7.6120, 5.7960

Deuteranomaly

137.0030, -4.0820, 7.9020

Tritanomaly

136.2970, -5.0900, 4.1420

Monochromacy



Original Color

136.6930, -6.1450, 6.7430

Achromatopsia

137.0000, -0.0000, 0.0000

Achromatomaly

136.9120, -2.5680, 2.4880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 136.6930, -6.1450, 6.7430 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(135, 134, 155)` looks like.

```
.text, #text, p{  
    color:rgb(135, 134, 155)  
}
```

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(135, 134, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 134, 155) }
```

Border

The CSS property to change the border of an element to YIQ 136.6930, -6.1450, 6.7430 is called "border". The border property can be set on classes, ids or directly on the HTML element.

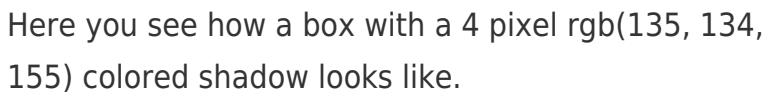
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(135, 134, 155) }
```


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

```
.border{ border-color:rgb(135, 134, 155) }
```

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



Here you see how a box with a 4 pixel rgb(135, 134, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 134, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 134, 155);  
box-shadow:4px 4px 4px 4px rgb(135, 134,  
155) }
```

Background

The CSS property to change the background color of an element to YIQ 136.6930, -6.1450, 6.7430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 134, 155) }
```

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

```
.background{ background-color: rgb(135,  
134, 155) }
```

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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