

Converting Colors

YIQ(136.5630, 0.2730, 11.5770)

Have a look what the booklet for
YIQ(136.5630, 0.2730, 11.5770)
contains.

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Color

**YIQ(136.5630, 0.2730,
11.5770)**

Conversions

Conversions Part 1

Format	Color
Hex	90819C
RGB	144, 129, 156
RGB Percent	56%, 51%, 61%
CMY	0.4352, 0.4941, 0.3883
CMYK	0.08, 0.17, 0.00, 0.39
HSL	273°, 12%, 56%
HSV	273°, 17%, 61%
XYZ	25.3537, 24.0295, 34.7521
YIQ	136.5630, 0.2730, 11.5770

Conversions

Conversions Part 2

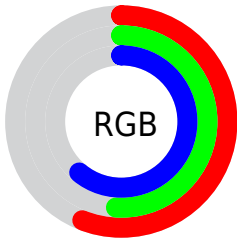
Format	Color
RYB	144, 129, 156
Decimal	9470364
CIELab	56.12, 11.01, -12.34
CIELCh	56, 16.539, 311.748
Yxy	24.0295, 0.3013, 0.2856
Android (android.graphics.Color)	4287660444 (0xFF90819C)
YUV	136.5630, 9.5824, 6.5222
Hunter-Lab	49.0199, 6.5376, -7.7191

Details

The YIQ color $136.5630, 0.2730, 11.5770$ is a dark color, and the websafe version is hex $9999CC$. A complement of this color would be $148.4370, -0.2730, -11.5770$, and the grayscale version is $136.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $190.0900, 0.2270, 12.4110$, and $86.7370, -0.2770, 10.5310$ is the 20% darker color. If you saturate the color by 10%, you get $125.0780, 0.5010, 18.4610$, and if you desaturate by 10%, it is $148.0480, 0.0450, 4.6930$.

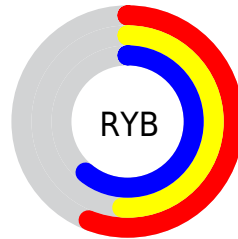
Distribution



Red (56%)

Green (51%)

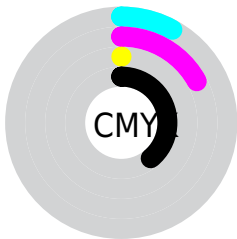
Blue (61%)



Red (56%)

Yellow (51%)

Blue (61%)

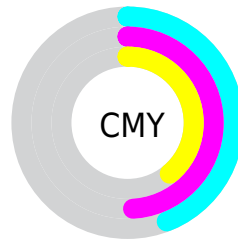


Cyan (8%)

Magenta (17%)

Yellow (0%)

Black (39%)



Cyan (44%)

Magenta (49%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 136.5630, 0.2730, 11.5770 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 136.5630, 0.2730, 11.5770 by changing the saturation by 10% instead.

■ 136.5630, 0.2730,
11.5770

■ 136.5630, 0.2730,
11.5770

255.0000, -0.0000,
-0.0000

■ 111.1500, -0.0020,
11.0540

■ 190.0900, 0.2270,
12.4110

■ 86.7370, -0.2770,
10.5310

■ 217.5030, 0.5020,
12.9340

■ 63.6230, 0.0440,
10.2200

■ 245.0210, 4.6750,
8.8910

■ 41.2100, -0.2310,
9.6970

■ 20.0960, 0.0900,
9.3860

■ 2.0690, -4.4480,
3.5200

■ 0.0000, 0.0000,

0.0000

■ 136.5630, 0.2730,
11.5770

■ 136.5630, 0.2730,
11.5770

■ 125.0780, 0.5010,
18.4610

■ 148.0480, 0.0450,
4.6930

■ 114.1800, 0.4540,
24.8220

■ 158.9460, 0.0920,
-1.6680

■ 102.6950, 0.6820,
31.7060

■ 170.4310, -0.1360,
-8.5520

■ 91.7970, 0.6350,
38.0670

■ 181.3290, -0.0890,
-14.9130

■ 80.3120, 0.8630,
44.9510

■ 192.8140, -0.3170,
-21.7970

■ 68.8270, 1.0910,
51.8350

■ 204.2990, -0.5450,
-28.6810

■ 58.2280, 1.6400,
58.4080

■ 214.8980, -1.0940,
-35.2540

■ 46.7430, 1.8680,
65.2920

■ 226.3830, -1.3220,
-42.1380

■ 43.7970, 1.7760,
66.9600

■ 229.0630, 2.5750,
-41.1770

Harmonies

Analogous

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



134.5010, -14.3520, 6.8000



136.5630, 0.2730, 11.5770



137.0330, 13.5690, 12.9050

Triad

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



136.5630, 0.2730, 11.5770



135.2550, 21.0910, -2.2770



128.9040, -26.4530, -10.6850

Complementary

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



136.5630, 0.2730, 11.5770



148.4370, -0.2730, -11.5770

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.



129.8960, -14.8070, -12.4950



136.5630, 0.2730, 11.5770



133.1890, 12.2890, -7.9590

Square

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



136.5630, 0.2730, 11.5770



135.6240, 24.6660, 4.5220



131.2520, -1.1900, -11.4780



129.5000, -30.9470, -6.3310

Rectangle

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



136.5630, 0.2730, 11.5770



136.8010, 20.0340, 11.3780



131.2520, -1.1900, -11.4780



129.2310, -23.0600, -11.6040

Sweetspot

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



136.5630, 0.2730, 11.5770



196.6350, -0.2300, 4.1700



139.1220, -11.9670, 2.1210



97.5810, -0.1380, 2.5020



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.



136.5630, 0.2730, 11.5770



173.0780, 0.5010, 18.4610



140.0370, 7.7460, 13.8100



73.4070, 0.4120, 3.5480



39.9230, 1.1810, 61.2210



4.4010, 0.5490, 6.5730

Inverse Universe

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



138.4410, 12.2400, 9.4560



176.0230, 19.5290, 15.0250



144.9630, -7.7460, -13.8100



73.8480, 3.4840, 2.9400



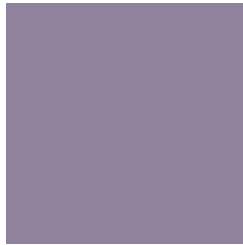
49.9390, 65.0050, 49.9090



5.2830, 6.6930, 5.3570

Previews

White Background



This preview shows how the YIQ color 136.5630, 0.2730, 11.5770 looks on a white background.

Color Contrast Check

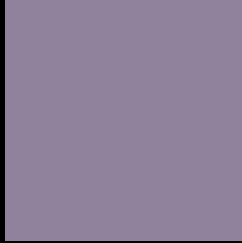
Large Text (above 18pt) WCAG AA ✓ Pass

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 136.5630, 0.2730, 11.5770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

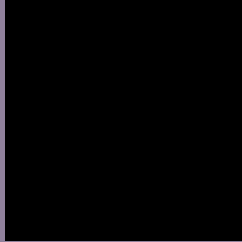
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 136.5630, 0.2730, 11.5770

Background



This preview shows how black text looks on a background with the YIQ color 136.5630, 0.2730, 11.5770.



This preview shows how white text looks on a background with the YIQ color 136.5630, 0.2730,

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

136.5630, 0.2730, 11.5770

Protanopia

134.7680, -10.7300, 7.2380

Deuteranopia

135.9430, -3.8530, 9.2590



Tritanopia

135.5430, 3.0250, 5.7530

Trichromacy



Original Color

136.5630, 0.2730, 11.5770

Protanomaly

135.5620, -7.1540, 8.5100

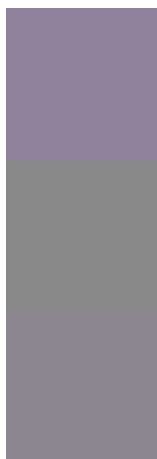
Deuteranomaly

135.9540, -2.3860, 10.2060

Tritanomaly

135.8250, 2.2910, 8.0430

Monochromacy



Original Color

136.5630, 0.2730, 11.5770

Achromatopsia

137.0000, -0.0000, 0.0000

Achromatomaly

136.9340, 0.3660, 4.3820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 136.5630, 0.2730, 11.5770 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(144, 129, 156)` looks like.

```
.text, #text, p{  
    color:rgb(144, 129, 156)  
}
```

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(144, 129, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 129, 156) }
```

Border

The CSS property to change the border of an element to YIQ 136.5630, 0.2730, 11.5770 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(144, 129, 156) }
```


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

```
.border{ border-color:rgb(144, 129, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 129, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 129, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 129, 156);  
box-shadow:4px 4px 4px 4px rgb(144, 129,  
156) }
```

Background

The CSS property to change the background color of an element to YIQ 136.5630, 0.2730, 11.5770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 129, 156) }
```

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

```
.background{ background-color: rgb(144,  
129, 156) }
```

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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