

Converting Colors

YIQ(135.3720, -9.6750, 4.6370)

Have a look what the booklet for
YIQ(135.3720, -9.6750, 4.6370)
contains.

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Color

**YIQ(135.3720, -9.6750,
4.6370)**

Conversions

Conversions Part 1

Format	Color
Hex	81879A
RGB	129, 135, 154
RGB Percent	51%, 53%, 60%
CMY	0.4941, 0.4706, 0.3961
CMYK	0.16, 0.12, 0.00, 0.40
HSL	226°, 11%, 55%
HSV	226°, 16%, 60%
XYZ	23.5491, 24.3284, 34.0206
YIQ	135.3720, -9.6750, 4.6370

Conversions

Conversions Part 2

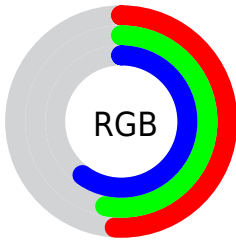
Format	Color
RYB	129, 134, 154
Decimal	8488858
CIELab	56.42, 1.90, -10.86
CIELCh	56, 11.026, 279.943
Yxy	24.3284, 0.2875, 0.2971
Android (android.graphics.Color)	4286678938 (0xFF81879A)
YUV	135.3720, 9.1836, -5.5882
Hunter-Lab	49.3238, -1.0938, -6.3680

Details

The YIQ color $135.3720, -9.6750, 4.6370$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $147.6280, 9.6750, -4.6370$, and the grayscale version is $135.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $188.4860, -9.9960, 4.9480$, and $85.2580, -9.3540, 4.3260$ is the 20% darker color. If you saturate the color by 10%, you get $123.8430, -15.3150, 7.7330$, and if you desaturate by 10%, it is $146.9010, -4.0350, 1.5410$.

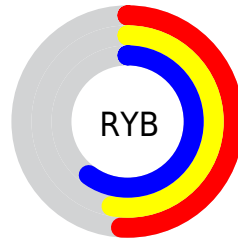
Distribution



Red (51%)

Green (53%)

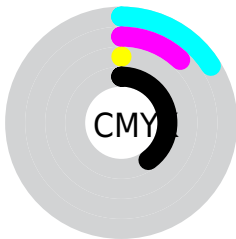
Blue (60%)



Red (51%)

Yellow (53%)

Blue (60%)

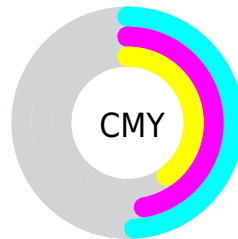


Cyan (16%)

Magenta (12%)

Yellow (0%)

Black (40%)



Cyan (49%)

Magenta (47%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 135.3720, -9.6750, 4.6370 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 135.3720, -9.6750, 4.6370 by changing the saturation by 10% instead.

■ 135.3720, -9.6750,
4.6370

■ 135.3720, -9.6750,
4.6370

■ 255.0000, -0.0000,
-0.0000

■ 110.2580, -9.3540,
4.3260

■ 188.4860, -9.9960,
4.9480

■ 85.2580, -9.3540,
4.3260

■ 216.6000,
-10.3170, 5.2590

■ 62.1440, -9.0330,
4.0150

■ 243.4600, -7.1070,
2.1490

■ 40.0300, -8.7120,
3.7040

■ 19.9160, -8.3910,
3.3930

■ 1.2540, -3.5310,
3.4210

■ 0.0000, 0.0000,

0.0000

■ 135.3720, -9.6750,
4.6370

■ 135.3720, -9.6750,
4.6370

■ 123.8430,
-15.3150, 7.7330

■ 146.9010, -4.0350,
1.5410

■ 112.6020,
-21.8260, 10.0940

■ 158.1420, 2.4760,
-0.8200

■ 101.0730,
-27.4660, 13.1900

■ 169.6710, 8.1160,
-3.9160

■ 89.2450, -33.7020,
16.0740

■ 181.4990, 14.3520,
-6.8000

■ 78.3030, -39.6170,
18.6470

■ 192.4410, 20.2670,
-9.3730

■ 66.7740, -45.2570,
21.7430

■ 203.9700, 25.9070,
-12.4690

■ 54.9460, -51.4930,
24.6270

■ 215.7980, 32.1430,
-15.3530

■ 43.4170, -57.1330,
27.7230

■ 227.3270, 37.7830,
-18.4490

■ 39.2750, -59.6090,
28.5430

■ 234.6810, 36.5460,
-23.5660

Harmonies

Analogous

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



133.7300, -16.7350, 0.4250



135.3720, -9.6750, 4.6370



136.7430, -0.4140, 7.5060

Triad

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



135.3720, -9.6750, 4.6370



136.6770, 17.1470, 3.1230



132.0540, -9.2600, -8.3960

Complementary

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



135.3720, -9.6750, 4.6370



147.6280, 9.6750, -4.6370

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.



133.2570, 0.4140, -7.5060



135.3720, -9.6750, 4.6370



135.4870, 14.6260, -0.7500

Square

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



135.3720, -9.6750, 4.6370



137.4150, 15.1290, 6.6570



134.9160, 8.8040, -5.3720



131.9870, -16.3210, -7.0810

Rectangle

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



135.3720, -9.6750, 4.6370



137.0920, 5.9130, 8.4810



134.9160, 8.8040, -5.3720



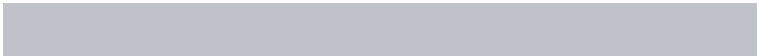
132.9080, -5.9130, -8.4810

Sweetspot

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



135.3720, -9.6750, 4.6370



193.9010, -4.0350, 1.5410



145.8410, -12.9740, -7.1660



97.2710, -2.2010, 1.3430



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.



135.3720, -9.6750, 4.6370



172.6150, -14.6730, 7.1110



133.6440, -4.4490, 9.0470



71.0860, -3.1180, 1.4420



35.9180, -54.2900, 25.7580



3.2430, -4.9980, 2.4740

Inverse Universe

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



137.1590, 12.9740, 7.1660



175.3880, 19.7590, 10.8550



149.3560, 4.4490, -9.0470



71.6200, 4.1260, 2.3180



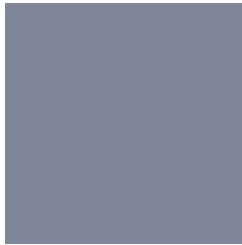
45.7360, 72.5260, 40.2540



4.2290, 6.7850, 3.6890

Previews

White Background



This preview shows how the YIQ color 135.3720, -9.6750, 4.6370 looks on a white background.

Color Contrast Check

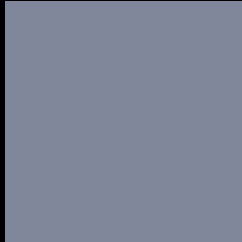
Large Text (above 18pt) WCAG AA ✓ Pass

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 135.3720, -9.6750, 4.6370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

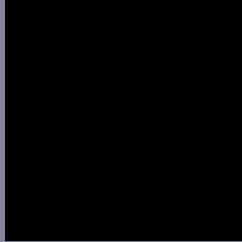
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

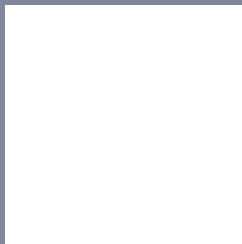
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 135.3720, -9.6750, 4.6370

Background



This preview shows how black text looks on a background with the YIQ color 135.3720, -9.6750, 4.6370.



This preview shows how white text looks on a background with the YIQ color 135.3720, -9.6750,

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

135.3720, -9.6750, 4.6370

Protanopia

135.5680, -7.2910, 5.4850

Deuteranopia

136.7150, -3.2110, 8.6370



Tritanopia

134.8620, -8.2990, 1.7250

Trichromacy



Original Color

135.3720, -9.6750, 4.6370

Protanomaly

135.2690, -7.8870, 5.2730

Deuteranomaly

136.1060, -5.8700, 7.2660

Tritanomaly

135.2040, -9.2620, 2.6580

Monochromacy



Original Color

135.3720, -9.6750, 4.6370

Achromatopsia

135.0000, -0.0000, -0.0000

Achromatomaly

135.2000, -3.4390, 1.7530

CSS Examples

Text

The CSS property to change the color of the text to YIQ 135.3720, -9.6750, 4.6370 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, 135, 154)` looks like.

```
.text, #text, p{  
    color:rgb(129, 135, 154)  
}
```

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, 135, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 135, 154) }
```

Border

The CSS property to change the border of an element to YIQ 135.3720, -9.6750, 4.6370 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, 135, 154) }
```


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

```
.border{ border-color:rgb(129, 135, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 135, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 135, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 135, 154);  
box-shadow:4px 4px 4px 4px rgb(129, 135,  
154) }
```

Background

The CSS property to change the background color of an element to YIQ 135.3720, -9.6750, 4.6370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 135, 154) }
```

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

```
.background{ background-color: rgb(129,  
135, 154) }
```

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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