

Converting Colors

YIQ(135.6940, -6.7450, 28.6390)

Have a look what the booklet for
YIQ(135.6940, -6.7450, 28.6390)
contains.

YIQ(135.6940, -6.7450, 28.6390)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(135.6940, -6.7450,
28.6390)**

Conversions

Conversions Part 1

Format	Color
Hex	9377C0
RGB	147, 119, 192
RGB Percent	58%, 47%, 75%
CMY	0.4234, 0.5334, 0.2471
CMYK	0.23, 0.38, 0.00, 0.25
HSL	263°, 37%, 61%
HSV	263°, 38%, 75%
XYZ	28.1453, 23.2014, 52.8517
YIQ	135.6940, -6.7450, 28.6390

Conversions

Conversions Part 2

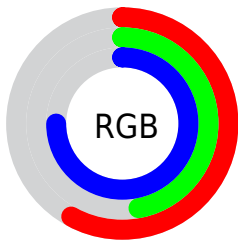
Format	Color
R_{YB}	147, 119, 192
Decimal	9664448
CIE _{Lab}	55.28, 26.03, -34.28
CIE _{LCh}	55, 43.046, 307.206
Y _{xy}	23.2014, 0.2701, 0.2227
Android (android.graphics.Color)	4287854528 (0xFF9377C0)
Y _{UV}	135.6940, 27.7589, 9.9154
Hunter-Lab	48.1678, 20.0068, -31.3379

Details

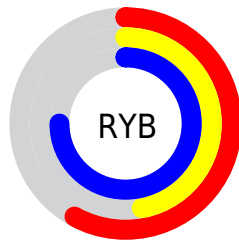
The YIQ color **135.6940, -6.7450, 28.6390** is a light color, and the websafe version is hex **996699**. A complement of this color would be **175.3060, 6.7450, -28.6390**, and the grayscale version is **135.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **189.7480, -6.8370, 30.3070**, and **85.2270, -6.9280, 26.4480** is the 20% darker color. If you saturate the color by 10%, you get **120.9530, -8.6720, 36.0320**, and if you desaturate by 10%, it is **150.4350, -4.8180, 21.2460**.

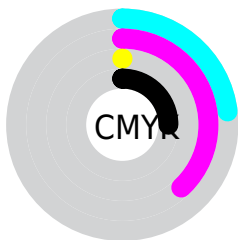
Distribution



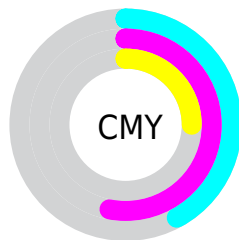
- Red (58%)
- Green (47%)
- Blue (75%)



- Red (58%)
- Yellow (47%)
- Blue (75%)



- Cyan (23%)
- Magenta (38%)
- Yellow (0%)
- Black (25%)



- Cyan (42%)
- Magenta (53%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 135.6940, -6.7450, 28.6390 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 135.6940, -6.7450, 28.6390 by changing the saturation by 10% instead.

■ 135.6940, -6.7450,
28.6390

■ 135.6940, -6.7450,
28.6390

■ 255.0000, -0.0000,
-0.0000

■ 109.8680, -7.2950,
27.5930

■ 189.7480, -6.8370,
30.3070

■ 85.2270, -6.9280,
26.4480

■ 214.9520, 1.0960,
24.2000

■ 60.9880, -7.7530,
24.8790

■ 238.5640, 7.7000,
14.6440

■ 38.1620, -8.3030,
23.8330

■ 15.0370, -9.4490,
22.5750

■ 4.6740, -13.1610,
12.7510

■ 2.7530, -6.3740,

5.3860

■ 0.0000, 0.0000,
0.0000

■ 135.6940, -6.7450,
28.6390

■ 135.6940, -6.7450,
28.6390

■ 120.9530, -8.6720,
36.0320

■ 150.4350, -4.8180,
21.2460

■ 106.2120,
-10.5990, 43.4250

■ 165.1760, -2.8910,
13.8530

■ 91.1830, -11.6550,
51.5530

■ 180.2050, -1.8350,
5.7250

■ 76.4420, -13.5820,
58.9460

■ 194.9460, 0.0920,
-1.6680

■ 61.7010, -15.5090,
66.3390

■ 209.6870, 2.0190,
-9.0610

■ 46.9600, -17.4360,
73.7320

■ 224.4280, 3.9460,
-16.4540

■ 44.0140, -17.5280,
75.4000

■ 239.1690, 5.8730,
-23.8470

■ 243.9310, 12.4750,
-22.3490

■ 247.2200, 19.0310,
-20.0170

Harmonies

Analogous

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



126.6710, -52.6370, 12.3150



135.6940, -6.7450, 28.6390



136.0050, 29.1080, 34.1640

Triad

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



135.6940, -6.7450, 28.6390



130.5450, 52.2690, -5.6430



104.5970, -86.4650, -35.4330

Complementary

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



135.6940, -6.7450, 28.6390



175.3060, 6.7450, -28.6390

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.



114.6390, -42.7250, -35.1810



135.6940, -6.7450, 28.6390



127.9950, 32.7860, -21.5020

Square

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



135.6940, -6.7450, 28.6390



132.1570, 60.0140, 13.6940



123.7290, 1.0600, -30.2360



108.1140, -97.7460, -23.7140

Rectangle

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



135.6940, -6.7450, 28.6390



134.4060, 46.8520, 31.9720



123.7290, 1.0600, -30.2360



103.2290, -82.6130, -39.1650

Sweetspot

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



135.6940, -6.7450, 28.6390



228.4810, -2.4320, 11.0400



153.7370, -35.8080, -0.8320



112.6180, -1.5600, 6.2480



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.



135.6940, -6.7450, 28.6390



161.2660, -10.6910, 45.0930



146.4580, 14.7110, 36.2710



89.3360, -0.8260, 3.9580



36.8920, -14.7290, 63.2150



7.6490, -2.8450, 13.0190

Inverse Universe

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



145.9570, 29.0630, 29.4710



177.4790, 45.7490, 46.4610



164.5420, -14.7110, -36.2710



90.6740, 4.0340, 3.9860



59.4250, 64.1770, 64.9210



12.1470, 13.2480, 13.2160

Previews

White Background



This preview shows how the YIQ color 135.6940, -6.7450, 28.6390 looks on a white background.

Color Contrast Check

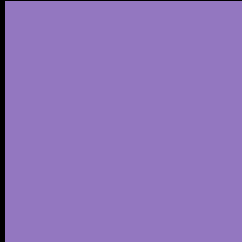
Large Text (above 18pt) WCAG AA ✓ Pass

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 135.6940, -6.7450, 28.6390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

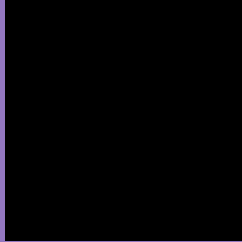
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 135.6940, -6.7450, 28.6390

Background



This preview shows how black text looks on a background with the YIQ color 135.6940, -6.7450, 28.6390.



This preview shows how white text looks on a background with the YIQ color 135.6940, -6.7450,

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

135.6940, -6.7450, 28.6390

Protanopia

131.2170, -36.4990, 17.2050

Deuteranopia

131.6320, -30.5380, 13.7980



Tritanopia

133.5320, 1.5580, 4.8060

Trichromacy



Original Color

135.6940, -6.7450, 28.6390

Protanomaly

133.0120, -25.4960, 21.5440

Deuteranomaly

133.2850, -22.0110, 18.9570

Tritanomaly

134.2470, -1.6530, 13.4430

Monochromacy



Original Color

135.6940, -6.7450, 28.6390

Achromatopsia

136.0000, -0.0000, 0.0000

Achromatomaly

135.9540, -2.3860, 10.2060

CSS Examples

Text

The CSS property to change the color of the text to YIQ 135.6940, -6.7450, 28.6390 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(147, 119, 192)` looks like.

```
.text, #text, p{  
    color:rgb(147, 119, 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(147, 119, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 119, 192) }
```

Border

The CSS property to change the border of an element to YIQ 135.6940, -6.7450, 28.6390 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(147, 119, 192) }
```


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

```
.border{ border-color:rgb(147, 119, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 119, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 119, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 119, 192);  
box-shadow:4px 4px 4px 4px rgb(147, 119,  
192) }
```

Background

The CSS property to change the background color of an element to YIQ 135.6940, -6.7450, 28.6390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 119, 192) }
```

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

```
.background{ background-color: rgb(147,  
119, 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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