

Converting Colors

YIQ(141.1990, 69.3640, 31.4760)

Have a look what the booklet for
YIQ(141.1990, 69.3640, 31.4760)
contains.

YIQ(141.1990, 69.3640, 31.4760)	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(141.1990, 69.3640,
31.4760)**

Conversions

Conversions Part 1

Format	Color
Hex	E36676
RGB	227, 102, 118
RGB Percent	89%, 40%, 46%
CMY	0.1095, 0.6002, 0.5370
CMYK	0.00, 0.55, 0.48, 0.11
HSL	352°, 69%, 65%
HSV	352°, 55%, 89%
XYZ	39.7235, 27.1457, 20.3064
YIQ	141.1990, 69.3640, 31.4760

Conversions

Conversions Part 2

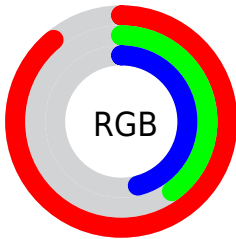
Format	Color
R _Y B	227, 102, 118
Decimal	14902902
CIE Lab	59.11, 50.08, 15.23
CIE LCh	59, 52.348, 16.915
Yxy	27.1457, 0.4557, 0.3114
Android (android.graphics.Color)	4293092982 (0xFFE36676)
YUV	141.1990, -11.4371, 75.2475
Hunter-Lab	52.1015, 44.9153, 13.3629

Details

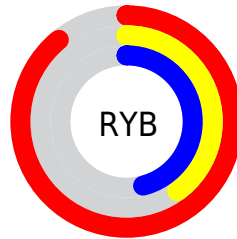
The YIQ color **141.1990, 69.3640, 31.4760** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **187.8010, -69.3640, -31.4760**, and the grayscale version is **141.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **187.7840, 54.2350, 24.8190**, and **85.5020, 64.1370, 32.5930** is the 20% darker color. If you saturate the color by 10%, you get **125.4180, 82.1090, 37.2850**, and if you desaturate by 10%, it is **156.9800, 56.6190, 25.6670**.

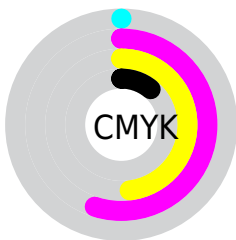
Distribution



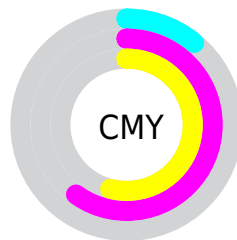
- Red (89%)
- Green (40%)
- Blue (46%)



- Red (89%)
- Yellow (40%)
- Blue (46%)



- Cyan (0%)
- Magenta (55%)
- Yellow (48%)
- Black (11%)





- Cyan (11%)
- Magenta (60%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 141.1990, 69.3640, 31.4760 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 141.1990, 69.3640, 31.4760 by changing the saturation by 10% instead.


 141.1990, 69.3640,
31.4760


 141.1990, 69.3640,
31.4760


255.0000, -0.0000,
-0.0000


 113.5300, 66.9340,
31.4620


 187.7840, 54.2350,
24.8190


 85.5020, 64.1370,
32.5930


 207.2980, 37.8680,
18.5720


 54.3650, 63.2650,
37.3850

 226.9260, 21.1800,
12.6360

 35.6690, 56.2970,
31.5050

 247.2550, 3.8960,
6.4880

 24.2190, 48.2760,
17.1720

 16.6730, 32.1380,
12.2820

 2.3920, 4.7680,

1.6960

■ 0.0000, 0.0000,
0.0000

■ 141.1990, 69.3640,
31.4760

■ 141.1990, 69.3640,
31.4760

■ 125.4180, 82.1090,
37.2850

■ 156.9800, 56.6190,
25.6670

■ 110.3380, 94.2580,
42.8820

■ 172.1740, 44.1490,
20.3810

■ 94.5570, 107.0030,
48.6910

■ 187.8410, 31.7250,
14.2610

■ 78.7760, 119.7480,
54.5000

■ 203.6220, 18.9800,
8.4520

■ 71.1790, 125.9830,
57.1430

■ 218.8160, 6.5100,
3.1660

■ 234.5970, -6.2350,
-2.6430

■ 246.6280,
-16.6880, -5.9360

Harmonies

Analogous

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



144.3280, 47.4920, 42.4040



141.1990, 69.3640, 31.4760



140.5680, 71.7980, 9.3820

Triad

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



141.1990, 69.3640, 31.4760



128.0210, -14.8020, -40.1300



116.2590, -116.5470, -7.8670

Complementary

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



141.1990, 69.3640, 31.4760



187.8010, -69.3640, -31.4760

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.



118.8060, -111.3180, -20.0380



141.1990, 69.3640, 31.4760



109.9480, -83.6200, -48.4520

Square

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



141.1990, 69.3640, 31.4760



134.8060, 28.5240, -32.3720



116.0070, -99.3030, -34.0470



139.5180, -47.4120, 22.2520

Rectangle

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



141.1990, 69.3640, 31.4760



139.5370, 63.9150, -7.4530



116.0070, -99.3030, -34.0470



117.9230, -115.7210, -11.8250

Sweetspot

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



141.1990, 69.3640, 31.4760



225.4270, 24.0230, 10.6710



148.5420, 24.2430, 61.7710



110.1160, 14.5330, 6.4450



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



141.1990, 69.3640, 31.4760



139.6260, 93.3870, 42.1470



166.3770, 61.8500, 2.4420



106.8160, 6.5100, 3.1660



56.1430, 99.3010, 45.1010



16.0470, 28.1490, 12.9890

Inverse Universe

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



141.1990, 69.3640, 31.4760



139.6260, 93.3870, 42.1470



162.6230, -61.8500, -2.4420



106.8160, 6.5100, 3.1660



56.1430, 99.3010, 45.1010



16.0470, 28.1490, 12.9890

Previews

White Background



This preview shows how the YIQ color 141.1990, 69.3640, 31.4760 looks on a white background.

Color Contrast Check

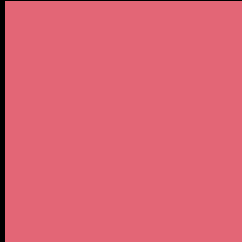
Large Text (above 18pt) WCAG AA ✓ Pass

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 141.1990, 69.3640, 31.4760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

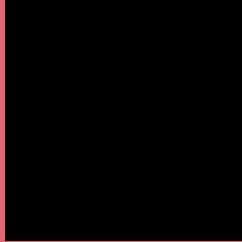
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 141.1990, 69.3640, 31.4760

Background



This preview shows how black text looks on a background with the YIQ color 141.1990, 69.3640, 31.4760.



This preview shows how white text looks on a background with the YIQ color 141.1990, 69.3640,

31.4760.

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

141.1990, 69.3640, 31.4760

Protanopia

142.8540, 3.3470, -0.0850

Deuteranopia

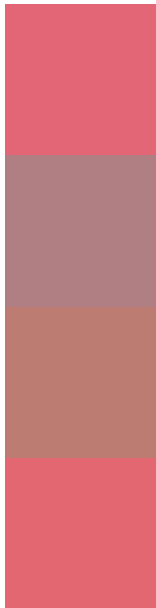
143.1200, 25.9050, -1.4150



Tritanopia

140.8740, 71.6570, 28.4650

Trichromacy



Original Color

141.1990, 69.3640, 31.4760

Protanomaly

141.8080, 27.3240, 11.4200

Deuteranomaly

142.2950, 41.9500, 10.6700

Tritanomaly

141.2160, 70.6940, 29.3980

Monochromacy



Original Color

141.1990, 69.3640, 31.4760

Achromatopsia

141.0000, -0.0000, -0.0000

Achromatomaly

141.1390, 24.8940, 11.4060

CSS Examples

Text

The CSS property to change the color of the text to YIQ 141.1990, 69.3640, 31.4760 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(227, 102, 118)` looks like.

```
.text, #text, p{  
    color:rgb(227, 102, 118)  
}
```

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(227, 102, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 102, 118) }
```

Border

The CSS property to change the border of an element to YIQ 141.1990, 69.3640, 31.4760 is called "border". The border property can be set on classes, ids or directly on the HTML element.

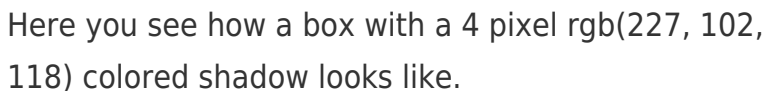
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(227, 102, 118) }
```


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

```
.border{ border-color:rgb(227, 102, 118) }
```

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



Here you see how a box with a 4 pixel `rgb(227, 102, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 102, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 102, 118); box-shadow:4px 4px 4px 4px rgb(227, 102, 118) }
```

Background

The CSS property to change the background color of an element to YIQ 141.1990, 69.3640, 31.4760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 102, 118) }
```

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

```
.background{ background-color: rgb(227,  
102, 118) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor