

Converting Colors

YIQ(149.4910, 62.6700, 31.6460)

Have a look what the booklet for
YIQ(149.4910, 62.6700, 31.6460)
contains.

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Color

**YIQ(149.4910, 62.6700,
31.6460)**

Conversions

Conversions Part 1

Format	Color
Hex	E57086
RGB	229, 112, 134
RGB Percent	90%, 44%, 53%
CMY	0.1017, 0.5609, 0.4743
CMYK	0.00, 0.51, 0.41, 0.10
HSL	349°, 69%, 67%
HSV	349°, 51%, 90%
XYZ	42.4328, 29.9707, 26.1243
YIQ	149.4910, 62.6700, 31.6460

Conversions

Conversions Part 2

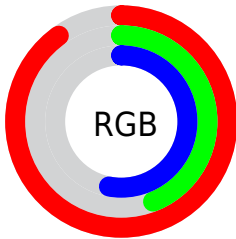
Format	Color
R _Y B	229, 112, 134
Decimal	15036550
CIE Lab	61.63, 47.53, 9.57
CIE LCh	62, 48.487, 11.378
Yxy	29.9707, 0.4307, 0.3042
Android (android.graphics.Color)	4293226630 (0xFFE57086)
YUV	149.4910, -7.6371, 69.7294
Hunter-Lab	54.7455, 42.5496, 10.0289

Details

The YIQ color **149.4910, 62.6700, 31.6460** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **191.5090, -62.6700, -31.6460**, and the grayscale version is **150.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **195.5920, 46.0280, 24.8760**, and **95.1530, 57.8100, 31.6180** is the 20% darker color. If you saturate the color by 10%, you get **133.8240, 75.0940, 37.7660**, and if you desaturate by 10%, it is **165.1580, 50.2460, 25.5260**.

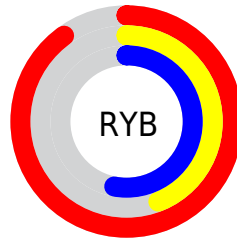
Distribution



Red (90%)

Green (44%)

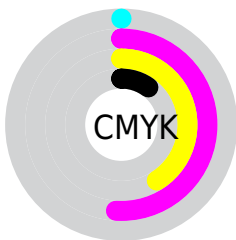
Blue (53%)



Red (90%)

Yellow (44%)

Blue (53%)

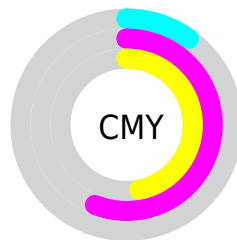


Cyan (0%)

Magenta (51%)

Yellow (41%)

Black (10%)



Cyan (10%)


Magenta (56%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 149.4910, 62.6700, 31.6460 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 149.4910, 62.6700, 31.6460 by changing the saturation by 10% instead.


 149.4910, 62.6700,
31.6460


 149.4910, 62.6700,
31.6460


255.0000, -0.0000,
-0.0000


 121.8220, 60.2400,
31.6320


 195.5920, 46.0280,
24.8760

 95.1530, 57.8100,
31.6180


 215.2200, 29.3400,
18.9400


 66.8370, 55.8840,
33.4840

 234.8480, 12.6520,
13.0040

 38.0480, 53.9120,
36.1840

253.8260, 0.5500,
1.0460

 27.3960, 43.6440,
24.0280

 17.7550, 34.8430,
12.8190

 7.2900, 13.9830,

5.3990

■ 0.0000, 0.0000,
0.0000

■ 149.4910, 62.6700,
31.6460

■ 149.4910, 62.6700,
31.6460

■ 133.8240, 75.0940,
37.7660

■ 165.1580, 50.2460,
25.5260

■ 118.2710, 87.1970,
44.1970

■ 180.7110, 38.1430,
19.0950

■ 102.6040, 99.6210,
50.3170

■ 196.3780, 25.7190,
12.9750

■ 87.0510, 111.7240,
56.7480

■ 211.9310, 13.6160,
6.5440

■ 73.3730, 122.6810,
61.9210

■ 227.0110, 1.4670,
0.9470

■ 242.6780,
-10.9570, -5.1730

■ 247.2260,
-15.4960, -5.5120

Harmonies

Analogous

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



152.2560, 38.8270, 39.7470



149.4910, 62.6700, 31.6460



147.8220, 68.2670, 12.8030

Triad

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



149.4910, 62.6700, 31.6460



137.6310, -4.7160, -35.6920



120.7270, -118.1050, -12.6730

Complementary

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



149.4910, 62.6700, 31.6460



191.5090, -62.6700, -31.6460

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.



121.8720, -111.6840, -24.4200



149.4910, 62.6700, 31.6460



124.2450, -62.3470, -43.0110

Square

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



149.4910, 62.6700, 31.6460



143.3060, 33.1080, -27.3400



118.4860, -99.3940, -37.9060



144.5340, -53.5090, 17.1070

Rectangle

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



149.4910, 62.6700, 31.6460



147.5140, 62.7220, -2.3500



118.4860, -99.3940, -37.9060



121.6900, -116.6830, -16.4190

Sweetspot

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



149.4910, 62.6700, 31.6460



229.1600, 20.4010, 10.2330



153.4440, 18.4670, 56.3150



112.3330, 12.4240, 6.1200



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.



149.4910, 62.6700, 31.6460



149.0640, 83.3460, 42.4020



167.5280, 60.1070, 6.4990



106.8160, 6.5100, 3.1660



57.3970, 95.7700, 48.5220



16.3890, 27.1860, 13.9220

Inverse Universe

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



149.4910, 62.6700, 31.6460



149.0640, 83.3460, 42.4020



173.4720, -60.1070, -6.4990



106.8160, 6.5100, 3.1660



57.3970, 95.7700, 48.5220



16.3890, 27.1860, 13.9220

Previews

White Background



This preview shows how the YIQ color 149.4910, 62.6700, 31.6460 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 149.4910, 62.6700, 31.6460 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 149.4910, 62.6700, 31.6460

Background



This preview shows how black text looks on a background with the YIQ color 149.4910, 62.6700, 31.6460.



This preview shows how white text looks on a background with the YIQ color 149.4910, 62.6700,

31.6460.

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

149.4910, 62.6700, 31.6460

Protanopia

149.5810, -0.1380, 2.5020

Deuteranopia

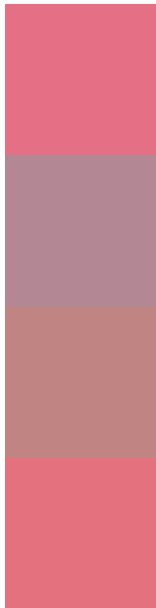
150.3630, 20.9070, 1.0590



Tritanopia

148.9980, 65.3760, 26.6560

Trichromacy



Original Color

149.4910, 62.6700, 31.6460

Protanomaly

149.5240, 22.3720, 13.0600

Deuteranomaly

149.8260, 36.0810, 12.4090

Tritanomaly

148.8670, 64.3670, 28.4230

Monochromacy



Original Color

149.4910, 62.6700, 31.6460

Achromatopsia

149.0000, 0.0000, -0.0000

Achromatomaly

149.4700, 22.4640, 11.3920

CSS Examples

Text

The CSS property to change the color of the text to YIQ 149.4910, 62.6700, 31.6460 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(229, 112, 134)` looks like.

```
.text, #text, p{  
    color:rgb(229, 112, 134)  
}
```

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(229, 112, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 112, 134) }
```

Border

The CSS property to change the border of an element to YIQ 149.4910, 62.6700, 31.6460 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(229, 112, 134) }
```


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

```
.border{ border-color:rgb(229, 112, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 112, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 112, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 112, 134);  
box-shadow:4px 4px 4px 4px rgb(229, 112,  
134) }
```

Background

The CSS property to change the background color of an element to YIQ 149.4910, 62.6700, 31.6460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 112, 134) }
```

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

```
.background{ background-color: rgb(229,  
112, 134) }
```

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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