

Converting Colors

YIQ(178.5450, 44.2420, 13.1860)

Have a look what the booklet for
YIQ(178.5450, 44.2420, 13.1860)
contains.

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Color

**YIQ(178.5450, 44.2420,
13.1860)**

Conversions

Conversions Part 1

Format	Color
Hex	E59E98
RGB	229, 158, 152
RGB Percent	90%, 62%, 60%
CMY	0.1018, 0.3805, 0.4037
CMYK	0.00, 0.31, 0.34, 0.10
HSL	5°, 60%, 75%
HSV	5°, 34%, 90%
XYZ	50.2196, 43.3770, 35.4512
YIQ	178.5450, 44.2420, 13.1860

Conversions

Conversions Part 2

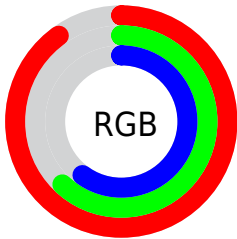
Format	Color
R _Y B	229, 159, 152
Decimal	15048344
CIE Lab	71.81, 25.73, 13.81
CIE LCh	72, 29.196, 28.222
Yxy	43.3770, 0.3892, 0.3361
Android (android.graphics.Color)	4293238424 (0xFFE59E98)
YUV	178.5450, -13.0867, 44.2490
Hunter-Lab	65.8612, 20.8502, 14.1887

Details

The YIQ color **178.5450, 44.2420, 13.1860** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **202.4550, -44.2420, -13.1860**, and the grayscale version is **179.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **224.7600, 27.2790, 6.7270**, and **125.1640, 40.9410, 12.4370** is the 20% darker color. If you saturate the color by 10%, you get **163.5960, 57.4000, 17.0160**, and if you desaturate by 10%, it is **193.4940, 31.0840, 9.3560**.

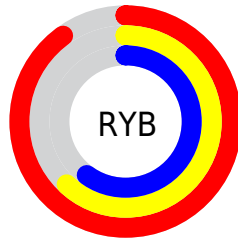
Distribution



Red (90%)

Green (62%)

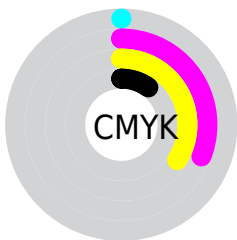
Blue (60%)



Red (90%)

Yellow (62%)

Blue (60%)

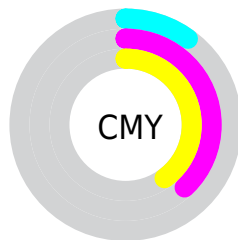


Cyan (0%)

Magenta (31%)

Yellow (34%)

Black (10%)



Cyan (10%)


Magenta (38%)

Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 178.5450, 44.2420, 13.1860 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 178.5450, 44.2420, 13.1860 by changing the saturation by 10% instead.


 178.5450, 44.2420,
13.1860


 178.5450, 44.2420,
13.1860


255.0000, -0.0000,
-0.0000


 151.6480, 42.4540,
12.5500


 224.7600, 27.2790,
6.7270


 125.1640, 40.9410,
12.4370

 244.9750, 10.3160,
0.2680

 99.3810, 38.8320,
12.1120

 74.5980, 36.7230,
11.7870

 50.6300, 33.6970,
11.5610

 27.1460, 32.1840,
11.4480

 12.5580, 25.0320,

8.9040

■ 0.0000, 0.0000,
0.0000

■ 178.5450, 44.2420,
13.1860

■ 178.5450, 44.2420,
13.1860

■ 163.5960, 57.4000,
17.0160

■ 193.4940, 31.0840,
9.3560

■ 148.6470, 70.5580,
20.8460

■ 208.4430, 17.9260,
5.5260

■ 133.6980, 83.7160,
24.6760

■ 223.3920, 4.7680,
1.6960

■ 118.1620, 97.1490,
29.0290

■ 238.9280, -8.6650,
-2.6570

■ 103.3270,
109.9860, 33.1700

■ 247.2260,
-15.4960, -5.5120

■ 88.3780, 123.1440,
37.0000

■ 79.0370, 131.5340,
39.1340

Harmonies

Analogous

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



179.5520, 34.3370, 21.9930



178.5450, 44.2420, 13.1860



177.0850, 42.1810, 0.9730

Triad

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



178.5450, 44.2420, 13.1860



168.3760, -16.6390, -23.3510



172.7400, -39.8900, 7.0700

Complementary

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



178.5450, 44.2420, 13.1860



202.4550, -44.2420, -13.1860

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.



165.6570, -59.1900, -6.5980



178.5450, 44.2420, 13.1860



164.4300, -43.0940, -22.9820

Square

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



178.5450, 44.2420, 13.1860



171.6580, 8.9900, -19.7620



162.1370, -61.0220, -17.4540



178.4340, -12.2450, 18.1790

Rectangle

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



178.5450, 44.2420, 13.1860



175.8080, 35.3510, -7.4090



162.1370, -61.0220, -17.4540



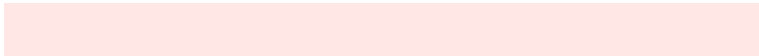
170.7990, -47.5460, 2.6460

Sweetspot

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



178.5450, 44.2420, 13.1860



238.0620, 14.6250, 4.7770



183.2310, 22.7800, 38.7160



117.3710, 9.2610, 2.8690



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.



178.5450, 44.2420, 13.1860



188.1940, 58.5920, 17.4400



200.8510, 33.7920, -6.6880



107.1750, 6.8770, 2.0210



61.7390, 102.8340, 30.6260



17.5970, 29.2960, 8.7200

Inverse Universe

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



202.4550, -44.2420, -13.1860



219.8060, -58.5920, -17.4400



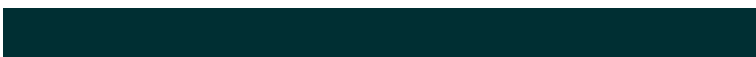
180.1490, -33.7920, 6.6880



110.8250, -6.8770, -2.0210



117.2610, -102.8340, -30.6260



33.4030, -29.2960, -8.7200

Previews

White Background



This preview shows how the YIQ color 178.5450, 44.2420, 13.1860 looks on a white background.

Color Contrast Check

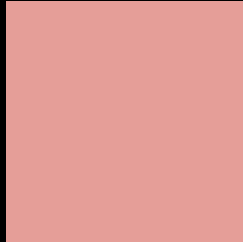
Large Text (above 18pt) WCAG AA × Fail

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 178.5450, 44.2420, 13.1860 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 ✓ Pass

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

YIQ 178.5450, 44.2420, 13.1860

Background



This preview shows how black text looks on a background with the YIQ color 178.5450, 44.2420, 13.1860.



This preview shows how white text looks on a background with the YIQ color 178.5450, 44.2420,

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

178.5450, 44.2420, 13.1860

Protanopia

176.3830, 8.9870, -3.1810

Deuteranopia

177.5870, 26.0880, 0.7760



Tritanopia

179.6790, 41.1690, 19.3210

Trichromacy



Original Color

178.5450, 44.2420, 13.1860

Protanomaly

177.0150, 22.0070, 3.1510

Deuteranomaly

178.0440, 32.2310, 5.0870

Tritanomaly

179.3970, 41.9030, 17.0310

Monochromacy



Original Color

178.5450, 44.2420, 13.1860

Achromatopsia

179.0000, -0.0000, -0.0000

Achromatomaly

178.5460, 16.1380, 4.8900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 178.5450, 44.2420, 13.1860 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, 158, 152)` looks like.

```
.text, #text, p{  
    color:rgb(229, 158, 152)  
}
```

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, 158, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 158, 152) }
```

Border

The CSS property to change the border of an element to YIQ 178.5450, 44.2420, 13.1860 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, 158, 152) }
```


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

```
.border{ border-color:rgb(229, 158, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 158, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 158, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 158, 152);  
box-shadow:4px 4px 4px 4px rgb(229, 158,  
152) }
```

Background

The CSS property to change the background color of an element to YIQ 178.5450, 44.2420, 13.1860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 158, 152) }
```

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

```
.background{ background-color: rgb(229,  
158, 152) }
```

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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