

Converting Colors

YIQ(197.2960, 23.0140, 12.4380)

Have a look what the booklet for
YIQ(197.2960, 23.0140, 12.4380)
contains.

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Color

**YIQ(197.2960, 23.0140,
12.4380)**

Conversions

Conversions Part 1

Format	Color
Hex	E3B7C1
RGB	227, 183, 193
RGB Percent	89%, 72%, 76%
CMY	0.1097, 0.2824, 0.2430
CMYK	0.00, 0.19, 0.15, 0.11
HSL	346°, 44%, 80%
HSV	346°, 19%, 89%
XYZ	58.2452, 54.0461, 57.8266
YIQ	197.2960, 23.0140, 12.4380

Conversions

Conversions Part 2

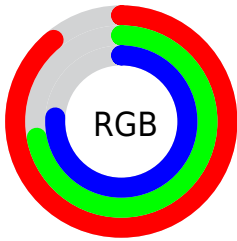
Format	Color
R _Y B	227, 183, 193
Decimal	14923713
CIE Lab	78.49, 17.42, 0.95
CIE LCh	78, 17.442, 3.112
Yxy	54.0461, 0.3424, 0.3177
Android (android.graphics.Color)	4293113793 (0xFFE3B7C1)
YUV	197.2960, -2.1179, 26.0504
Hunter-Lab	73.5160, 12.7687, 4.8246

Details

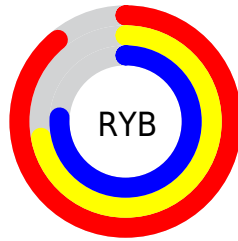
The YIQ color $197.2960, 23.0140, 12.4380$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $212.7040, -23.0140, -12.4380$, and the grayscale version is $197.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $244.9240, 6.3260, 6.5020$, and $143.3990, 21.2260, 11.8020$ is the 20% darker color. If you saturate the color by 10%, you get $181.7430, 35.1170, 18.8690$, and if you desaturate by 10%, it is $212.8490, 10.9110, 6.0070$.

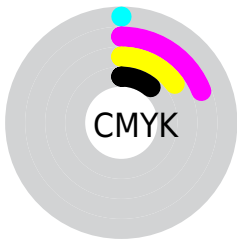
Distribution



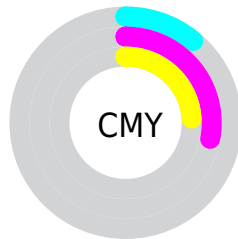
- Red (89%)
- Green (72%)
- Blue (76%)



- Red (89%)
- Yellow (72%)
- Blue (76%)



- Cyan (0%)
- Magenta (19%)
- Yellow (15%)
- Black (11%)



- Cyan (11%)
- Magenta (28%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 197.2960, 23.0140, 12.4380 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 197.2960, 23.0140, 12.4380 by changing the saturation by 10% instead.

■ 197.2960, 23.0140,
12.4380

■ 197.2960, 23.0140,
12.4380

255.0000, -0.0000,
-0.0000

■ 169.9970, 22.4180,
12.2260

■ 244.9240, 6.3260,
6.5020

■ 143.3990, 21.2260,
11.8020

■ 117.6870, 20.3550,
11.0670

■ 92.5020, 19.4380,
11.1660

■ 68.7900, 18.5670,
10.4310

■ 46.1920, 17.3750,
10.0070

■ 24.4090, 15.2660,

9.6820

■ 6.8770, 13.7080,
4.8760

■ 0.0000, 0.0000,
0.0000

■ 197.2960, 23.0140,
12.4380

■ 197.2960, 23.0140,
12.4380

■ 181.7430, 35.1170,
18.8690

■ 212.8490, 10.9110,
6.0070

■ 166.8910, 46.6240,
25.0880

■ 227.7010, -0.5960,
-0.2120

■ 151.3380, 58.7270,
31.5190

■ 243.2540,
-12.6990, -6.6430

■ 135.8990, 70.5090,
38.2610

■ 246.6280,
-16.6880, -5.9360

■ 120.3460, 82.6120,
44.6920

■ 105.4940, 94.1190,
50.9110

■ 89.9410, 106.2220,
57.3420

■ 74.5020, 118.0040,
64.0840

■ 73.8010, 118.6000,
64.2960

Harmonies

Analogous

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



197.3040, 11.3680, 14.2480



197.2960, 23.0140, 12.4380



196.3580, 28.4710, 7.1510

Triad

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



197.2960, 23.0140, 12.4380



191.7640, 3.1200, -12.4960



190.6620, -31.2230, -1.3270

Complementary

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



197.2960, 23.0140, 12.4380



212.7040, -23.0140, -12.4380

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.



188.6630, -32.9640, -8.3240



197.2960, 23.0140, 12.4380



189.5110, -12.2850, -14.1490

Square

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



197.2960, 23.0140, 12.4380



193.6410, 16.8280, -7.6200



188.6220, -25.7190, -12.9750



193.4510, -20.0830, 6.0370

Rectangle

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



197.2960, 23.0140, 12.4380



195.7120, 27.2340, 2.0340



188.6220, -25.7190, -12.9750



189.7110, -32.9190, -3.6310

Sweetspot

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



197.2960, 23.0140, 12.4380



244.8270, 7.9770, 4.1130



198.1820, 6.1400, 20.8920



121.9190, 4.7220, 2.5300



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.



197.2960, 23.0140, 12.4380



215.2370, 30.6700, 16.8620



203.2000, 22.9240, 3.0520



106.9300, 6.1890, 3.4770



58.1950, 93.5230, 50.6990



16.6170, 26.5440, 14.5440

Inverse Universe

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



197.2960, 23.0140, 12.4380



215.2370, 30.6700, 16.8620



206.8000, -22.9240, -3.0520



106.9300, 6.1890, 3.4770



58.1950, 93.5230, 50.6990



16.6170, 26.5440, 14.5440

Previews

White Background



This preview shows how the YIQ color 197.2960, 23.0140, 12.4380 looks on a white background.

Color Contrast Check

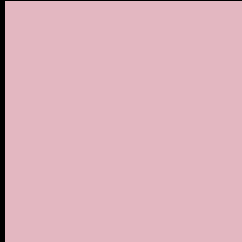
Large Text (above 18pt) WCAG AA × Fail

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 197.2960, 23.0140, 12.4380 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 197.2960, 23.0140, 12.4380

Background



This preview shows how black text looks on a background with the YIQ color 197.2960, 23.0140, 12.4380.



This preview shows how white text looks on a background with the YIQ color 197.2960, 23.0140,

12.4380.

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

197.2960, 23.0140, 12.4380

Protanopia

194.5810, -0.1380, 2.5020

Deuteranopia

196.2300, 14.2120, 6.7560



Tritanopia

197.1650, 22.0050, 14.2050

Trichromacy



Original Color

197.2960, 23.0140, 12.4380

Protanomaly

195.2940, 8.1600, 6.3040

Deuteranomaly

196.5510, 17.7420, 8.8620

Tritanomaly

197.0510, 22.3260, 13.8940

Monochromacy



Original Color

197.2960, 23.0140, 12.4380

Achromatopsia

197.0000, -0.0000, -0.0000

Achromatomaly

197.2400, 8.2520, 4.6360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 197.2960, 23.0140, 12.4380 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, 183, 193)` looks like.

```
.text, #text, p{  
    color:rgb(227, 183, 193)  
}
```

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, 183, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 183, 193) }
```

Border

The CSS property to change the border of an element to YIQ 197.2960, 23.0140, 12.4380 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, 183, 193) }
```


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

```
.border{ border-color:rgb(227, 183, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 183, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 183, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 183, 193);  
box-shadow:4px 4px 4px 4px rgb(227, 183,  
193) }
```

Background

The CSS property to change the background color of an element to YIQ 197.2960, 23.0140, 12.4380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 183, 193) }
```

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

```
.background{ background-color: rgb(227,  
183, 193) }
```

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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