

Converting Colors

YIQ(197.7930, 23.6530, 28.3970)

Have a look what the booklet for
YIQ(197.7930, 23.6530, 28.3970)
contains.

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Color

**YIQ(197.7930, 23.6530,
28.3970)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | EEADDC |
| RGB | 238, 173, 220 |
| RGB Percent | 93%, 68%, 86% |
| CMY | 0.0665, 0.3217, 0.1372 |
| CMYK | 0.00, 0.27, 0.08, 0.07 |
| HSL | 317°, 66%, 81% |
| HSV | 317°, 27%, 93% |
| XYZ | 63.1342, 53.2301, 74.6672 |
| YIQ | 197.7930, 23.6530, 28.3970 |

Conversions

Conversions Part 2

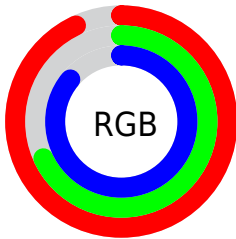
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 238, 173, 220 |
| Decimal | 15642076 |
| CIE _{Lab} | 78.01, 31.04, -14.28 |
| CIE _{LCh} | 78, 34.169, 335.295 |
| Yxy | 53.2301, 0.3305, 0.2786 |
| Android (android.graphics.Color) | 4293832156 (0xFFEEADDC) |
| YUV | 197.7930, 10.9481, 35.2615 |
| Hunter-Lab | 72.9589, 26.7849, -9.6070 |

Details

The YIQ color $197.7930, 23.6530, 28.3970$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $213.2070, -23.6530, -28.3970$, and the grayscale version is $198.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $239.7380, 7.1500, 13.5980$, and $143.3690, 21.9110, 26.9270$ is the 20% darker color. If you saturate the color by 10%, you get $182.9070, 32.5000, 38.7720$, and if you desaturate by 10%, it is $212.6790, 14.8060, 18.0220$.

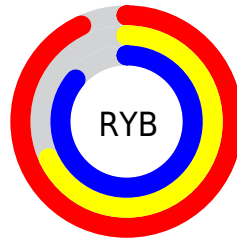
Distribution



Red (93%)

Green (68%)

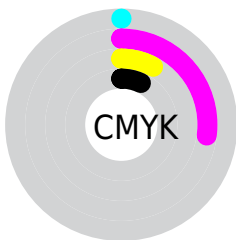
Blue (86%)



Red (93%)

Yellow (68%)

Blue (86%)

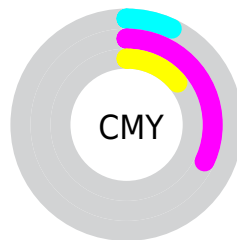


Cyan (0%)

Magenta (27%)

Yellow (8%)

Black (7%)



Cyan (7%)

Magenta (32%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 197.7930, 23.6530, 28.3970 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 197.7930, 23.6530, 28.3970 by changing the saturation by 10% instead.

197.7930, 23.6530,
28.3970

197.7930, 23.6530,
28.3970

255.0000, -0.0000,
-0.0000

170.0810, 22.7820,
27.6620

239.7380, 7.1500,
13.5980

143.3690, 21.9110,
26.9270

117.0700, 21.3150,
26.7150

91.9450, 20.1690,
25.4570

67.3470, 18.9770,
25.0330

43.0480, 18.3810,
24.8210

20.4500, 17.1890,

24.3970

■ 11.8910, 11.0930,
13.7250

■ 0.0000, 0.0000,
0.0000

■ 197.7930, 23.6530,
28.3970

■ 197.7930, 23.6530,
28.3970

■ 182.9070, 32.5000,
38.7720

■ 212.6790, 14.8060,
18.0220

■ 168.1350, 41.0260,
49.4580

■ 227.4510, 6.2800,
7.3360

■ 153.8360, 49.5980,
59.3100

■ 241.7500, -2.2920,
-2.5160

■ 139.0640, 58.1240,
69.9960

■ 248.8910, -7.2430,
-6.4030

■ 124.1780, 66.9710,
80.3710

■ 249.6890, -9.4900,
-4.2260

■ 109.2920, 75.8180,
90.7460

■ 249.9170,
-10.1320, -3.6040

■ 94.5200, 84.3440,
101.4320

■ 90.7700, 86.6360,
103.9480

Harmonies

Analogous

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



196.6460, -6.7900, 23.9460



197.7930, 23.6530, 28.3970



196.8800, 45.1570, 24.1410

Triad

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



197.7930, 23.6530, 28.3970



190.4880, 30.0800, -16.5120



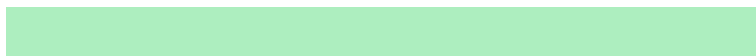
174.9870, -78.2150, -19.7430

Complementary

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



197.7930, 23.6530, 28.3970



213.2070, -23.6530, -28.3970

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.



176.6390, -59.9200, -26.4160



197.7930, 23.6530, 28.3970



186.8590, 3.8100, -25.0060

Square

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



197.7930, 23.6530, 28.3970



193.2010, 47.5460, -2.6460



182.1680, -27.9170, -28.2130



181.4480, -68.7270, -4.4630

Rectangle

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



197.7930, 23.6530, 28.3970



195.6600, 51.3480, 16.5640



182.1680, -27.9170, -28.2130



174.8470, -75.0050, -22.8530

Sweetspot

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



197.7930, 23.6530, 28.3970



242.5760, 7.4260, 8.5940



185.4930, -10.7330, 23.8190



119.9130, 4.8590, 5.5550



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.



197.7930, 23.6530, 28.3970



203.0700, 30.4830, 36.7790



194.1450, 33.9250, 18.4450



112.6140, 4.2630, 5.3430



70.1780, 66.9710, 80.3710



21.4180, 20.2150, 24.6230

Inverse Universe

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



197.7930, 23.6530, 28.3970



203.0700, 30.4830, 36.7790



216.8550, -33.9250, -18.4450



112.6140, 4.2630, 5.3430



70.1780, 66.9710, 80.3710



21.4180, 20.2150, 24.6230

Previews

White Background



This preview shows how the YIQ color 197.7930, 23.6530, 28.3970 looks on a white background.

Color Contrast Check

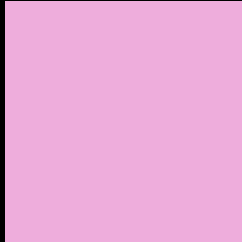
Large Text (above 18pt) WCAG AA × Fail

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 197.7930, 23.6530, 28.3970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

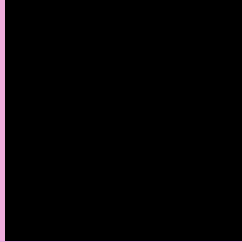
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 197.7930, 23.6530, 28.3970

Background



This preview shows how black text looks on a background with the YIQ color 197.7930, 23.6530, 28.3970.



This preview shows how white text looks on a background with the YIQ color 197.7930, 23.6530,

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

197.7930, 23.6530, 28.3970

Protanopia

193.5810, -17.3330, 11.2670

Deuteranopia

195.1930, -1.5610, 11.7750



Tritanopia

196.3400, 28.8820, 16.2260

Trichromacy



Original Color

197.7930, 23.6530, 28.3970



Protanomaly

194.9960, -2.2040, 17.9240



Deuteranomaly

196.2590, 7.2410, 17.4570



Tritanomaly

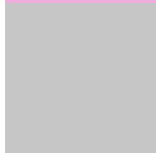
196.6050, 26.8180, 20.5940

Monochromacy



Original Color

197.7930, 23.6530, 28.3970



Achromatopsia

198.0000, -0.0000, 0.0000



Achromatomaly

198.1140, 8.8470, 10.3750

CSS Examples

Text

The CSS property to change the color of the text to YIQ 197.7930, 23.6530, 28.3970 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(238, 173, 220)` looks like.

```
.text, #text, p{  
    color:rgb(238, 173, 220)  
}
```

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(238, 173, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 173, 220) }
```

Border

The CSS property to change the border of an element to YIQ 197.7930, 23.6530, 28.3970 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(238, 173, 220) }
```


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

```
.border{ border-color:rgb(238, 173, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 173, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 173, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 173, 220);  
box-shadow:4px 4px 4px 4px rgb(238, 173,  
220) }
```

Background

The CSS property to change the background color of an element to YIQ 197.7930, 23.6530, 28.3970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 173, 220) }
```

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

```
.background{ background-color: rgb(238,  
173, 220) }
```

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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