

Converting Colors

YIQ(196.4990, 15.4930, 22.0930)

Have a look what the booklet for
YIQ(196.4990, 15.4930, 22.0930)
contains.

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Color

**YIQ(196.4990, 15.4930,
22.0930)**

Conversions

Conversions Part 1

Format	Color
Hex	E1B2D9
RGB	225, 178, 217
RGB Percent	88%, 70%, 85%
CMY	0.1175, 0.3020, 0.1490
CMYK	0.00, 0.21, 0.04, 0.12
HSL	310°, 44%, 79%
HSV	310°, 21%, 88%
XYZ	59.5041, 52.8563, 72.7172
YIQ	196.4990, 15.4930, 22.0930

Conversions

Conversions Part 2

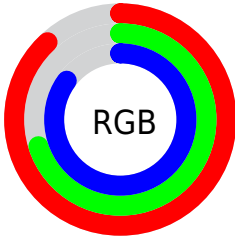
Format	Color
R _Y B	225, 178, 217
Decimal	14791385
CIE Lab	77.79, 23.47, -13.11
CIE LCh	78, 26.880, 330.804
Yxy	52.8563, 0.3215, 0.2856
Android (android.graphics.Color)	4292981465 (0xFFE1B2D9)
YUV	196.4990, 10.1070, 24.9954
Hunter-Lab	72.7023, 18.8664, -8.4105

Details

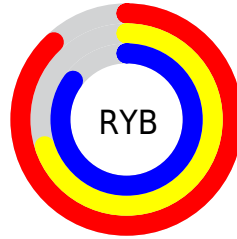
The YIQ color $196.4990, 15.4930, 22.0930$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $206.5010, -15.4930, -22.0930$, and the grayscale version is $196.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $242.6730, 5.7750, 10.9830$, and $142.3740, 14.3470, 20.8350$ is the 20% darker color. If you saturate the color by 10%, you get $182.5420, 23.1020, 32.8780$, and if you desaturate by 10%, it is $209.8690, 8.1590, 11.8310$.

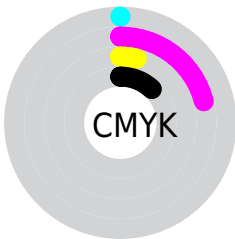
Distribution



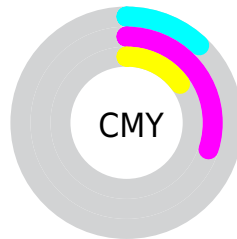
- Red (88%)
- Green (70%)
- Blue (85%)



- Red (88%)
- Yellow (70%)
- Blue (85%)



- Cyan (0%)
- Magenta (21%)
- Yellow (4%)
- Black (12%)





- Cyan (12%)
- Magenta (30%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 196.4990, 15.4930, 22.0930 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 196.4990, 15.4930, 22.0930 by changing the saturation by 10% instead.


 196.4990, 15.4930,
22.0930


 196.4990, 15.4930,
22.0930


255.0000, -0.0000,
-0.0000


 169.0860, 15.2180,
21.5700


 242.6730, 5.7750,
10.9830

 142.3740, 14.3470,
20.8350

 116.9610, 14.0720,
20.3120

 91.5480, 13.7970,
19.7890

 67.5370, 12.3300,
18.8420

 44.8250, 11.4590,
18.1070

 22.5260, 10.8630,

17.8950

■ 8.8580, 6.6920,
10.8840

■ 0.0000, 0.0000,
0.0000

■ 196.4990, 15.4930,
22.0930

■ 196.4990, 15.4930,
22.0930

■ 182.5420, 23.1020,
32.8780

■ 209.8690, 8.1590,
11.8310

■ 169.1720, 30.4360,
43.1400

■ 223.8260, 0.5500,
1.0460

■ 155.2150, 38.0450,
53.9250

■ 237.1960, -6.7840,
-9.2160

■ 141.9590, 45.0580,
64.4980

■ 243.4080,
-10.4970, -13.5130

128.0020, 52.6670,
75.2830

243.8640,
-11.7810, -12.2690

114.6320, 60.0010,
85.5450

244.3200,
-13.0650, -11.0250

100.6750, 67.6100,
96.3300

244.7760,
-14.3490, -9.7810

88.5930, 74.0730,
105.8570

245.2320,
-15.6330, -8.5370

245.6880,
-16.9170, -7.2930

Harmonies

Analogous

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



194.8750, -9.1730, 17.5710



196.4990, 15.4930, 22.0930



196.0850, 34.1540, 19.8020

Triad

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



196.4990, 15.4930, 22.0930



191.2090, 26.7320, -10.9000



181.2410, -55.3830, -15.0230

Complementary

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



196.4990, 15.4930, 22.0930



206.5010, -15.4930, -22.0930

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.



181.6800, -40.8020, -20.4660



196.4990, 15.4930, 22.0930



187.9290, 6.7890, -18.4190

Square

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



196.4990, 15.4930, 22.0930



193.5900, 39.2010, -0.0870



185.1310, -17.3270, -21.8950



184.2450, -52.0380, -4.0540

Rectangle

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



196.4990, 15.4930, 22.0930



195.4460, 40.2070, 14.7270



185.1310, -17.3270, -21.8950



180.9270, -51.6230, -17.0870

Sweetspot

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



196.4990, 15.4930, 22.0930



245.8530, 5.0880, 6.9120



185.7500, -10.3190, 16.3130



122.4890, 3.1170, 4.0850



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.



196.4990, 15.4930, 22.0930



216.1780, 21.1310, 30.0510



193.8770, 22.8760, 14.9400



105.3150, 3.6670, 5.1310



69.2680, 58.0300, 82.7180



18.9120, 15.7680, 22.6160

Inverse Universe

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



196.4990, 15.4930, 22.0930



216.1780, 21.1310, 30.0510



209.1230, -22.8760, -14.9400



105.3150, 3.6670, 5.1310



69.2680, 58.0300, 82.7180



18.9120, 15.7680, 22.6160

Previews

White Background



This preview shows how the YIQ color 196.4990, 15.4930, 22.0930 looks on a white background.

Color Contrast Check

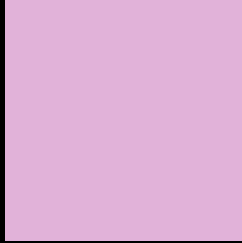
Large Text (above 18pt) WCAG AA × Fail

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 196.4990, 15.4930, 22.0930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

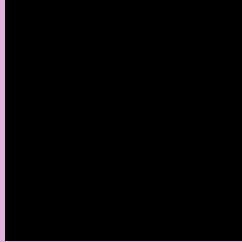
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 196.4990, 15.4930, 22.0930

Background



This preview shows how black text looks on a background with the YIQ color 196.4990, 15.4930, 22.0930.



This preview shows how white text looks on a background with the YIQ color 196.4990, 15.4930,

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

196.4990, 15.4930, 22.0930

Protanopia

193.3810, -13.8940, 9.5140

Deuteranopia

194.3780, -0.6440, 11.6760



Tritanopia

195.5560, 19.3460, 12.8340

Trichromacy



Original Color

196.4990, 15.4930, 22.0930

Protanomaly

194.2900, -3.2120, 14.1640

Deuteranomaly

195.4220, 5.2240, 15.4640

Tritanomaly

196.1800, 17.6490, 16.0570

Monochromacy



Original Color

196.4990, 15.4930, 22.0930

Achromatopsia

196.0000, -0.0000, -0.0000

Achromatomaly

196.0920, 5.9130, 8.4810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 196.4990, 15.4930, 22.0930 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(225, 178, 217)` looks like.

```
.text, #text, p{  
    color:rgb(225, 178, 217)  
}
```

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(225, 178, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 178, 217) }
```

Border

The CSS property to change the border of an element to YIQ 196.4990, 15.4930, 22.0930 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(225, 178, 217) }
```


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

```
.border{ border-color:rgb(225, 178, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 178, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 178, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 178, 217);  
box-shadow:4px 4px 4px 4px rgb(225, 178,  
217) }
```

Background

The CSS property to change the background color of an element to YIQ 196.4990, 15.4930, 22.0930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 178, 217) }
```

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

```
.background{ background-color: rgb(225,  
178, 217) }
```

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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