

Converting Colors

YIQ(188.2430, 13.3380, 22.6020)

Have a look what the booklet for
YIQ(188.2430, 13.3380, 22.6020)
contains.

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Color

**YIQ(188.2430, 13.3380,
22.6020)**

Conversions

Conversions Part 1

Format	Color
Hex	D7AAD4
RGB	215, 170, 212
RGB Percent	84%, 67%, 83%
CMY	0.1567, 0.3334, 0.1686
CMYK	0.00, 0.21, 0.01, 0.16
HSL	304°, 36%, 75%
HSV	304°, 21%, 84%
XYZ	54.2898, 47.9483, 68.6844
YIQ	188.2430, 13.3380, 22.6020

Conversions

Conversions Part 2

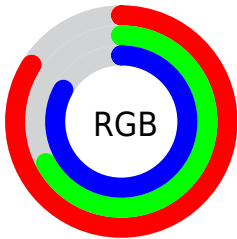
Format	Color
R _Y B	215, 170, 212
Decimal	14133972
CIE _{Lab}	74.79, 23.51, -14.99
CIE _{LCh}	75, 27.880, 327.482
Y _{xy}	47.9483, 0.3176, 0.2805
Android (android.graphics.Color)	4292324052 (0xFFD7AAD4)
Y _{UV}	188.2430, 11.7122, 23.4659
Hunter-Lab	69.2447, 18.7707, -10.3389

Details

The YIQ color $188.2430, 13.3380, 22.6020$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $196.7570, -13.3380, -22.6020$, and the grayscale version is $188.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $237.9770, 7.9750, 15.1670$, and $134.4170, 12.7880, 21.5560$ is the 20% darker color. If you saturate the color by 10%, you get $175.2150, 19.7090, 33.7970$, and if you desaturate by 10%, it is $200.6840, 7.2420, 11.9300$.

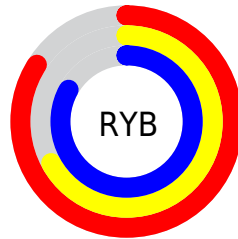
Distribution



Red (84%)

Green (67%)

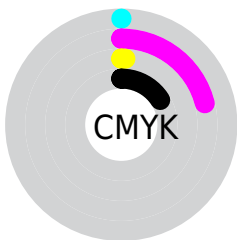
Blue (83%)



Red (84%)

Yellow (67%)

Blue (83%)

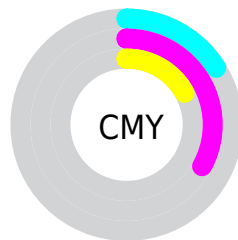


Cyan (0%)

Magenta (21%)

Yellow (1%)

Black (16%)



Cyan (16%)

Magenta (33%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 188.2430, 13.3380, 22.6020 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 188.2430, 13.3380, 22.6020 by changing the saturation by 10% instead.

188.2430, 13.3380,
22.6020

188.2430, 13.3380,
22.6020

255.0000, -0.0000,
-0.0000

160.8300, 13.0630,
22.0790

237.9770, 7.9750,
15.1670

134.4170, 12.7880,
21.5560

254.4130, 0.2750,
0.5230

108.7050, 11.9170,
20.8210

84.2920, 11.6420,
20.2980

60.5800, 10.7710,
19.5630

37.8680, 9.9000,
18.8280

15.2810, 10.1750,

19.3510

■ 1.5960, -4.4940,
4.3540

■ 0.0000, 0.0000,
0.0000

■ 188.2430, 13.3380,
22.6020

■ 188.2430, 13.3380,
22.6020

■ 175.2150, 19.7090,
33.7970

■ 200.6840, 7.2420,
11.9300

■ 162.6600, 26.1260,
44.1580

■ 213.8260, 0.5500,
1.0460

■ 149.6320, 32.4970,
55.3530

■ 226.2670, -5.5460,
-9.6260

■ 137.0770, 38.9140,
65.7140

■ 238.8220,
-11.9630, -19.9870

124.0490, 45.2850,
76.9090

238.9360,
-12.2840, -19.6760

111.4940, 51.7020,
87.2700

239.1640,
-12.9260, -19.0540

98.4660, 58.0730,
98.4650

239.2780,
-13.2470, -18.7430

87.1990, 63.6190,
108.0910

239.5060,
-13.8890, -18.1210

239.6200,
-14.2100, -17.8100

Harmonies

Analogous

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



185.9070, -12.1990, 17.3450



188.2430, 13.3380, 22.6020



188.4270, 33.1910, 20.7350

Triad

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



188.2430, 13.3380, 22.6020



183.2910, 29.4370, -10.3630



171.8170, -57.1250, -16.4930

Complementary

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



188.2430, 13.3380, 22.6020



196.7570, -13.3380, -22.6020

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.



173.0390, -40.4350, -21.6110



188.2430, 13.3380, 22.6020



180.4840, 9.5400, -18.7160

Square

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



188.2430, 13.3380, 22.6020



185.0140, 40.9430, 1.3830



176.5010, -15.4930, -22.0930



175.0380, -55.8890, -5.8490

Rectangle

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



188.2430, 13.3380, 22.6020



187.3860, 40.4360, 16.0840



176.5010, -15.4930, -22.0930



171.5030, -53.3650, -18.5570

Sweetspot

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



188.2430, 13.3380, 22.6020



246.0810, 4.4460, 7.5340



176.0270, -12.6570, 14.6310



122.6030, 2.7960, 4.3960



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.



188.2430, 13.3380, 22.6020



216.9760, 18.8840, 32.2280



185.7350, 20.4000, 15.7600



100.4290, 3.3460, 5.4420



69.2550, 50.8770, 85.7010



17.4170, 12.7880, 21.5560

Inverse Universe

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



188.2430, 13.3380, 22.6020



216.9760, 18.8840, 32.2280



199.3790, -20.7210, -15.4490



100.4290, 3.3460, 5.4420



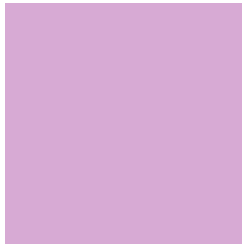
69.2550, 50.8770, 85.7010



17.4170, 12.7880, 21.5560

Previews

White Background



This preview shows how the YIQ color 188.2430, 13.3380, 22.6020 looks on a white background.

Color Contrast Check

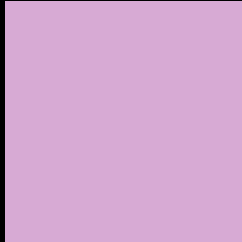
Large Text (above 18pt) WCAG AA × Fail

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 188.2430, 13.3380, 22.6020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

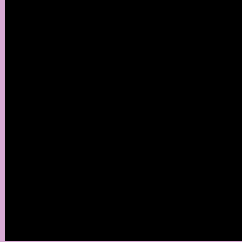
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 188.2430, 13.3380, 22.6020

Background



This preview shows how black text looks on a background with the YIQ color 188.2430, 13.3380, 22.6020.



This preview shows how white text looks on a background with the YIQ color 188.2430, 13.3380,

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

188.2430, 13.3380, 22.6020

Protanopia

185.1250, -16.0490, 10.0230

Deuteranopia

186.4100, -3.6700, 11.4500



Tritanopia

186.9580, 18.1540, 12.4100

Trichromacy



Original Color

188.2430, 13.3380, 22.6020



Protanomaly

186.0340, -5.3670, 14.6730



Deuteranomaly

186.8670, 2.4730, 15.7610



Tritanomaly

187.6960, 16.1360, 15.9440

Monochromacy



Original Color

188.2430, 13.3380, 22.6020



Achromatopsia

188.0000, 0.0000, 0.0000



Achromatomaly

187.9070, 4.9960, 8.5800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 188.2430, 13.3380, 22.6020 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(215, 170, 212)` looks like.

```
.text, #text, p{  
    color:rgb(215, 170, 212)  
}
```

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(215, 170, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 170, 212) }
```

Border

The CSS property to change the border of an element to YIQ 188.2430, 13.3380, 22.6020 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(215, 170, 212) }
```


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

```
.border{ border-color:rgb(215, 170, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 170, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 170, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 170, 212);  
box-shadow:4px 4px 4px 4px rgb(215, 170,  
212) }
```

Background

The CSS property to change the background color of an element to YIQ 188.2430, 13.3380, 22.6020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 170, 212) }
```

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

```
.background{ background-color: rgb(215,  
170, 212) }
```

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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