

Converting Colors

YIQ(162.1240, 21.2230, 28.3830)

Have a look what the booklet for
YIQ(162.1240, 21.2230, 28.3830)
contains.

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Color

**YIQ(162.1240, 21.2230,
28.3830)**

Conversions

Conversions Part 1

Format	Color
Hex	C88ABB
RGB	200, 138, 187
RGB Percent	78%, 54%, 73%
CMY	0.2155, 0.4589, 0.2666
CMYK	0.00, 0.31, 0.07, 0.22
HSL	313°, 36%, 66%
HSV	313°, 31%, 78%
XYZ	41.8872, 34.0435, 51.3837
YIQ	162.1240, 21.2230, 28.3830

Conversions

Conversions Part 2

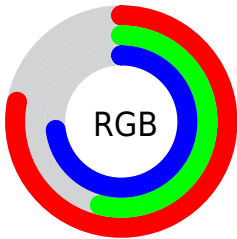
Format	Color
R _Y B	200, 138, 187
Decimal	13142715
CIE Lab	65.00, 31.37, -16.06
CIE LCh	65, 35.244, 332.890
Yxy	34.0435, 0.3290, 0.2674
Android (android.graphics.Color)	4291332795 (0xFFC88ABB)
YUV	162.1240, 12.2639, 33.2173
Hunter-Lab	58.3468, 26.0384, -11.3716

Details

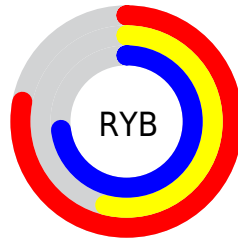
The YIQ color **162.1240, 21.2230, 28.3830** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **175.8760, -21.2230, -28.3830**, and the grayscale version is **162.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **216.6510, 21.1770, 29.2170**, and **109.7000, 19.4810, 26.9130** is the 20% darker color. If you saturate the color by 10%, you get **149.9280, 28.0070, 37.5990**, and if you desaturate by 10%, it is **174.3200, 14.4390, 19.1670**.

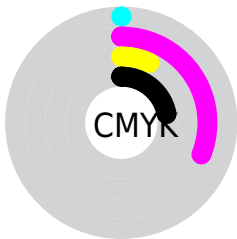
Distribution



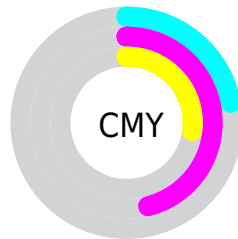
- Red (78%)
- Green (54%)
- Blue (73%)



- Red (78%)
- Yellow (54%)
- Blue (73%)



- Cyan (0%)
- Magenta (31%)
- Yellow (7%)
- Black (22%)





- Cyan (22%)
- Magenta (46%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 162.1240, 21.2230, 28.3830 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 162.1240, 21.2230, 28.3830 by changing the saturation by 10% instead.

 162.1240, 21.2230,
28.3830

 162.1240, 21.2230,
28.3830


255.0000, -0.0000,
-0.0000


 135.4120, 20.3520,
27.6480


 216.6510, 21.1770,
29.2170


 109.7000, 19.4810,
26.9130


 234.4550, 9.6250,
18.3050

 84.8740, 18.9310,
25.8670

 251.4780, 1.6500,
3.1380

 60.2760, 17.7390,
25.4430

 36.0910, 16.8220,
25.5420

 17.9010, 14.3010,
21.6690

 6.7220, 4.0790,

8.6790

0.0000, 0.0000,
0.0000

162.1240, 21.2230,
28.3830

162.1240, 21.2230,
28.3830

149.9280, 28.0070,
37.5990

174.3200, 14.4390,
19.1670

137.7320, 34.7910,
46.8150

186.5160, 7.6550,
9.9510

125.4220, 41.8960,
55.7200

198.8260, 0.5500,
1.0460

113.2260, 48.6800,
64.9360

211.0220, -6.2340,
-8.1700

101.0300, 55.4640,
74.1520

223.2180,
-13.0180, -17.3860

■ 88.8340, 62.2480,
83.3680

■ 233.6530,
-18.9770, -25.0330

■ 77.8120, 68.4820,
91.5380

■ 234.1090,
-20.2610, -23.7890

■ 234.6790,
-21.8660, -22.2340

■ 235.1350,
-23.1500, -20.9900

Harmonies

Analogous

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



160.2650, -10.0910, 23.1970



162.1240, 21.2230, 28.3830



161.0370, 43.2770, 25.1730

Triad

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



162.1240, 21.2230, 28.3830



155.4990, 31.5470, -15.5650



131.0880, -94.8570, -26.5130

Complementary

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



162.1240, 21.2230, 28.3830



175.8760, -21.2230, -28.3830

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.



139.2040, -63.1290, -28.8330



162.1240, 21.2230, 28.3830



151.7560, 5.5980, -24.3700

Square

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



162.1240, 21.2230, 28.3830



157.7280, 47.5000, -1.8120



146.6520, -26.4040, -28.1000



142.0230, -77.8960, -9.0000

Rectangle

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



162.1240, 21.2230, 28.3830



160.1160, 50.0640, 17.8080



146.6520, -26.4040, -28.1000



132.3400, -86.8790, -27.9270

Sweetspot

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



162.1240, 21.2230, 28.3830



240.9290, 7.9300, 10.4740



148.6560, -12.7500, 21.8260



118.8530, 5.0880, 6.9120



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.



162.1240, 21.2230, 28.3830



197.5420, 32.2700, 42.9420



158.7040, 30.8530, 19.0530



93.4890, 3.1170, 4.0850



63.4430, 55.7390, 74.6750



13.9560, 12.4680, 16.3400

Inverse Universe

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



162.1240, 21.2230, 28.3830



197.5420, 32.2700, 42.9420



179.2960, -30.8530, -19.0530



93.4890, 3.1170, 4.0850



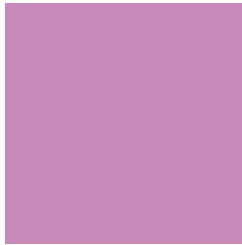
63.4430, 55.7390, 74.6750



13.9560, 12.4680, 16.3400

Previews

White Background



This preview shows how the YIQ color 162.1240, 21.2230, 28.3830 looks on a white background.

Color Contrast Check

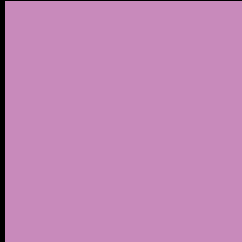
Large Text (above 18pt) WCAG AA × Fail

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 162.1240, 21.2230, 28.3830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

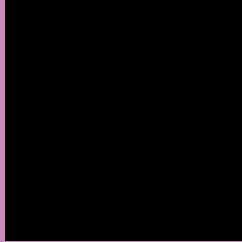
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 162.1240, 21.2230, 28.3830

Background



This preview shows how black text looks on a background with the YIQ color 162.1240, 21.2230, 28.3830.



This preview shows how white text looks on a background with the YIQ color 162.1240, 21.2230,

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

162.1240, 21.2230, 28.3830

Protanopia

158.3250, -19.4880, 11.7760

Deuteranopia

159.5130, -5.4580, 10.8140



Tritanopia

160.8020, 27.4610, 14.4450

Trichromacy



Original Color

162.1240, 21.2230, 28.3830

Protanomaly

159.3270, -4.6340, 17.9100

Deuteranomaly

160.2910, 4.2150, 17.2310

Tritanomaly

161.2950, 24.7550, 19.4350

Monochromacy



Original Color

162.1240, 21.2230, 28.3830

Achromatopsia

162.0000, -0.0000, 0.0000

Achromatomaly

161.9290, 7.9300, 10.4740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 162.1240, 21.2230, 28.3830 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(200, 138, 187)` looks like.

```
.text, #text, p{  
    color:rgb(200, 138, 187)  
}
```

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(200, 138, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 138, 187) }
```

Border

The CSS property to change the border of an element to YIQ 162.1240, 21.2230, 28.3830 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(200, 138, 187) }
```


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

```
.border{ border-color:rgb(200, 138, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 138, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 138, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 138, 187);  
box-shadow:4px 4px 4px 4px rgb(200, 138,  
187) }
```

Background

The CSS property to change the background color of an element to YIQ 162.1240, 21.2230, 28.3830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 138, 187) }
```

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

```
.background{ background-color: rgb(200,  
138, 187) }
```

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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