

Converting Colors

YIQ(164.6320, 22.1880, 16.3960)

Have a look what the booklet for
YIQ(164.6320, 22.1880, 16.3960)
contains.

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Color

**YIQ(164.6320, 22.1880,
16.3960)**

Conversions

Conversions Part 1

Format	Color
Hex	C494A8
RGB	196, 148, 168
RGB Percent	77%, 58%, 66%
CMY	0.2312, 0.4197, 0.3411
CMYK	0.00, 0.25, 0.14, 0.23
HSL	335°, 29%, 67%
HSV	335°, 25%, 77%
XYZ	40.4297, 35.7414, 41.8227
YIQ	164.6320, 22.1880, 16.3960

Conversions

Conversions Part 2

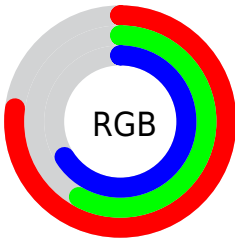
Format	Color
R _Y B	196, 148, 168
Decimal	12883112
CIE Lab	66.32, 21.20, -3.45
CIE LCh	66, 21.474, 350.758
Yxy	35.7414, 0.3426, 0.3029
Android (android.graphics.Color)	4291073192 (0xFFC494A8)
YUV	164.6320, 1.6604, 27.5097
Hunter-Lab	59.7841, 16.0904, 0.3718

Details

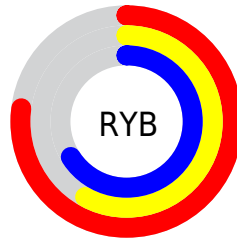
The YIQ color **164.6320, 22.1880, 16.3960** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **179.3680, -22.1880, -16.3960**, and the grayscale version is **165.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **219.6430, 23.6550, 17.3430**, and **112.6210, 20.7210, 15.4490** is the 20% darker color. If you saturate the color by 10%, you get **151.6380, 31.2190, 23.4350**, and if you desaturate by 10%, it is **177.6260, 13.1570, 9.3570**.

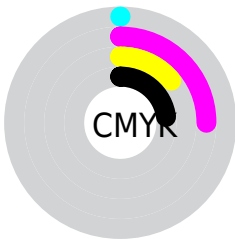
Distribution



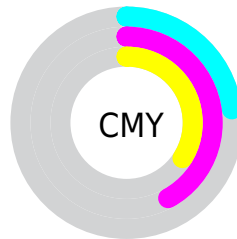
- Red (77%)
- Green (58%)
- Blue (66%)



- Red (77%)
- Yellow (58%)
- Blue (66%)



- Cyan (0%)
- Magenta (25%)
- Yellow (14%)
- Black (23%)





- Cyan (23%)
- Magenta (42%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 164.6320, 22.1880, 16.3960 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 164.6320, 22.1880, 16.3960 by changing the saturation by 10% instead.


 164.6320, 22.1880,
16.3960

 164.6320, 22.1880,
16.3960


255.0000, -0.0000,
-0.0000


 138.0340, 20.9960,
15.9720


 219.6430, 23.6550,
17.3430


 112.6210, 20.7210,
15.4490

 240.5700, 7.5630,
11.6190

 88.0230, 19.5290,
15.0250

 64.0120, 18.0620,
14.0780

 40.8270, 17.1450,
14.1770

 18.6420, 16.2280,
14.2760

 4.1860, 8.3440,

2.9680

0.0000, 0.0000,
0.0000

164.6320, 22.1880,
16.3960

164.6320, 22.1880,
16.3960

151.6380, 31.2190,
23.4350

177.6260, 13.1570,
9.3570

139.1170, 40.2960,
29.6400

190.1470, 4.0800,
3.1520

126.1230, 49.3270,
36.6790

203.1410, -4.9510,
-3.8870

113.6020, 58.4040,
42.8840

215.6620,
-14.0280, -10.0920

100.6080, 67.4350,
49.9230

228.6560,
-23.0590, -17.1310

■ 87.5000, 76.7870,
56.6510

■ 235.3070,
-29.3860, -18.1060

■ 75.0930, 85.5430,
63.1670

■ 236.5610,
-32.9170, -14.6850

■ 67.9520, 90.4940,
67.0540

■ 237.3590,
-35.1640, -12.5080

Harmonies

Analogous

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



164.2480, 5.7740, 16.5100



164.6320, 22.1880, 16.3960



163.8470, 31.5880, 11.2360

Triad

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



164.6320, 22.1880, 16.3960



158.9560, 11.3270, -12.5530



154.6390, -41.5840, -6.2880

Complementary

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



164.6320, 22.1880, 16.3960



179.3680, -22.1880, -16.3960

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.



152.7930, -39.3820, -13.1580



164.6320, 22.1880, 16.3960



156.5670, -6.6910, -16.4110

Square

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



164.6320, 22.1880, 16.3960



160.8870, 24.9430, -6.0090



154.1010, -25.8100, -16.8340



158.4110, -31.7740, 3.1540

Rectangle

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



164.6320, 22.1880, 16.3960



162.8700, 32.7810, 6.1330



154.1010, -25.8100, -16.8340



153.8730, -42.3630, -8.6910

Sweetspot

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



164.6320, 22.1880, 16.3960



243.2940, 8.1600, 6.3040



161.5450, 0.6840, 20.6520



120.8590, 4.9510, 3.8870



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.



164.6320, 22.1880, 16.3960



206.6600, 34.1530, 25.3290



164.1130, 27.7830, 8.6070



90.4460, 4.6760, 3.3640



55.7770, 74.4490, 54.9690



11.4630, 15.1740, 11.3500

Inverse Universe

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



164.6320, 22.1880, 16.3960



206.6600, 34.1530, 25.3290



179.8870, -27.7830, -8.6070



90.4460, 4.6760, 3.3640



55.7770, 74.4490, 54.9690



11.4630, 15.1740, 11.3500

Previews

White Background



This preview shows how the YIQ color 164.6320, 22.1880, 16.3960 looks on a white background.

Color Contrast Check

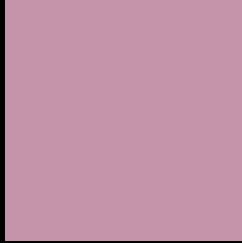
Large Text (above 18pt) WCAG AA × Fail

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 164.6320, 22.1880, 16.3960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

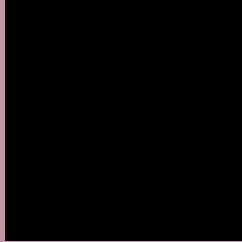
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 164.6320, 22.1880, 16.3960

Background



This preview shows how black text looks on a background with the YIQ color 164.6320, 22.1880, 16.3960.



This preview shows how white text looks on a background with the YIQ color 164.6320, 22.1880,

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

164.6320, 22.1880, 16.3960

Protanopia

161.8240, -5.1360, 4.9760

Deuteranopia

163.4080, 7.8390, 6.6150



Tritanopia

164.1220, 23.5640, 13.4840

Trichromacy



Original Color

164.6320, 22.1880, 16.3960

Protanomaly

163.0210, 4.6750, 8.8910

Deuteranomaly

164.1530, 13.1110, 10.1910

Tritanomaly

164.4640, 22.6010, 14.4170

Monochromacy



Original Color

164.6320, 22.1880, 16.3960

Achromatopsia

165.0000, -0.0000, -0.0000

Achromatomaly

164.8810, 7.8850, 5.7810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 164.6320, 22.1880, 16.3960 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(196, 148, 168)` looks like.

```
.text, #text, p{  
    color:rgb(196, 148, 168)  
}
```

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(196, 148, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 148, 168) }
```

Border

The CSS property to change the border of an element to YIQ 164.6320, 22.1880, 16.3960 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(196, 148, 168) }
```


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

```
.border{ border-color:rgb(196, 148, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 148, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 148, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 148, 168);  
box-shadow:4px 4px 4px 4px rgb(196, 148,  
168) }
```

Background

The CSS property to change the background color of an element to YIQ 164.6320, 22.1880, 16.3960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 148, 168) }
```

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

```
.background{ background-color: rgb(196,  
148, 168) }
```

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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