

Converting Colors

YIQ(163.8010, 29.2020, 21.4420)

Have a look what the booklet for
YIQ(163.8010, 29.2020, 21.4420)
contains.

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Color

**YIQ(163.8010, 29.2020,
21.4420)**

Conversions

Conversions Part 1

Format	Color
Hex	CD8EA8
RGB	205, 142, 168
RGB Percent	80%, 56%, 66%
CMY	0.1959, 0.4432, 0.3411
CMYK	0.00, 0.31, 0.18, 0.20
HSL	335°, 39%, 68%
HSV	335°, 31%, 80%
XYZ	41.9278, 35.1514, 41.6328
YIQ	163.8010, 29.2020, 21.4420

Conversions

Conversions Part 2

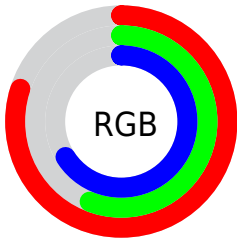
Format	Color
R _Y B	205, 142, 168
Decimal	13471400
CIE Lab	65.87, 27.75, -4.01
CIE LCh	66, 28.036, 351.769
Yxy	35.1514, 0.3532, 0.2961
Android (android.graphics.Color)	4291661480 (0xFFCD8EA8)
YUV	163.8010, 2.0701, 36.1315
Hunter-Lab	59.2886, 22.4768, -0.1318

Details

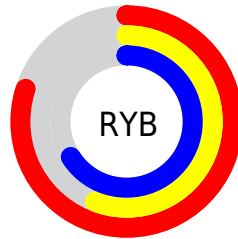
The YIQ color **163.8010, 29.2020, 21.4420** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **183.1990, -29.2020, -21.4420**, and the grayscale version is **164.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **216.7190, 26.4970, 20.9050**, and **111.4910, 27.1390, 20.2830** is the 20% darker color. If you saturate the color by 10%, you get **150.1060, 38.8290, 28.6930**, and if you desaturate by 10%, it is **176.9090, 19.8500, 14.7140**.

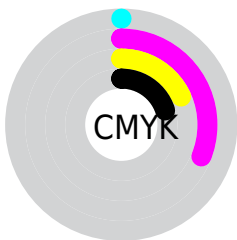
Distribution



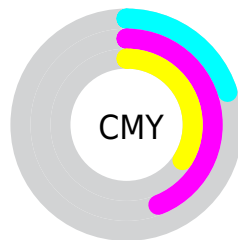
- Red (80%)
- Green (56%)
- Blue (66%)



- Red (80%)
- Yellow (56%)
- Blue (66%)



- Cyan (0%)
- Magenta (31%)
- Yellow (18%)
- Black (20%)



- Cyan (20%)
- Magenta (44%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 163.8010, 29.2020, 21.4420 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 163.8010, 29.2020, 21.4420 by changing the saturation by 10% instead.

■ 163.8010, 29.2020,
21.4420

■ 163.8010, 29.2020,
21.4420

■ 255.0000, -0.0000,
-0.0000

■ 137.2030, 28.0100,
21.0180

■ 216.7190, 26.4970,
20.9050

■ 111.4910, 27.1390,
20.2830

■ 236.4610, 9.4880,
15.2800

■ 86.5940, 25.3510,
19.6470

■ 253.8260, 0.5500,
1.0460

■ 61.9960, 24.1590,
19.2230

■ 38.5120, 22.6460,
19.1100

■ 17.2020, 20.5830,
17.9510

■ 6.5780, 13.1120,

4.6640

0.0000, 0.0000,
0.0000

163.8010, 29.2020,
21.4420

163.8010, 29.2020,
21.4420

150.1060, 38.8290,
28.6930

176.9090, 19.8500,
14.7140

136.9980, 48.1810,
35.4210

190.6040, 10.2230,
7.4630

123.3030, 57.8080,
42.6720

203.7120, 0.8710,
0.7350

110.1950, 67.1600,
49.4000

217.4070, -8.7560,
-6.5160

96.5000, 76.7870,
56.6510

231.1020,
-18.3830, -13.7670

■ 83.3920, 86.1390,
63.3790

■ 238.3400,
-24.9850, -15.2650

■ 70.9850, 94.8950,
69.8950

■ 239.7080,
-28.8370, -11.5330

■ 240.0500,
-29.8000, -10.6000

Harmonies

Analogous

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



163.3780, 8.5240, 21.7400



163.8010, 29.2020, 21.4420



162.7450, 40.8030, 14.9390

Triad

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



163.8010, 29.2020, 21.4420



156.6910, 13.3910, -16.9210



149.0760, -59.0520, -9.1000

Complementary

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



163.8010, 29.2020, 21.4420



183.1990, -29.2020, -21.4420

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.



146.9480, -56.1160, -18.2600



163.8010, 29.2020, 21.4420



153.2520, -10.3580, -21.5420

Square

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



163.8010, 29.2020, 21.4420



159.1280, 31.4540, -8.3700



149.6650, -36.4460, -22.3180



155.6640, -42.7320, 3.5080

Rectangle

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



163.8010, 29.2020, 21.4420



161.6000, 42.4090, 7.8570



149.6650, -36.4460, -22.3180



147.4840, -60.3810, -12.5490

Sweetspot

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



163.8010, 29.2020, 21.4420



240.0170, 10.4980, 7.9860



160.2450, 1.8290, 27.4370



118.1690, 7.0140, 5.0460



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.



163.8010, 29.2020, 21.4420



193.5520, 43.5050, 32.0570



163.7720, 36.1730, 10.7410



95.4460, 4.6760, 3.3640



57.3860, 77.1080, 56.3400



13.1860, 17.5120, 13.0320

Inverse Universe

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



163.8010, 29.2020, 21.4420



193.5520, 43.5050, 32.0570



183.2280, -36.1730, -10.7410



95.4460, 4.6760, 3.3640



57.3860, 77.1080, 56.3400



13.1860, 17.5120, 13.0320

Previews

White Background



This preview shows how the YIQ color 163.8010, 29.2020, 21.4420 looks on a white background.

Color Contrast Check

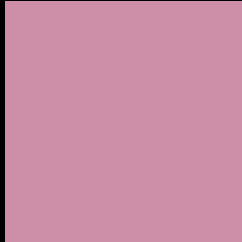
Large Text (above 18pt) WCAG AA × Fail

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 163.8010, 29.2020, 21.4420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

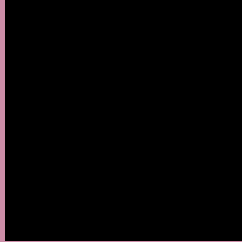
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 163.8010, 29.2020, 21.4420

Background



This preview shows how black text looks on a background with the YIQ color 163.8010, 29.2020, 21.4420.



This preview shows how white text looks on a background with the YIQ color 163.8010, 29.2020,

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

163.8010, 29.2020, 21.4420

Protanopia

160.9810, -7.0160, 6.0080

Deuteranopia

161.9350, 7.7930, 7.4490



Tritanopia

163.1940, 32.2290, 16.1410

Trichromacy



Original Color

163.8010, 29.2020, 21.4420

Protanomaly

162.0860, 6.0500, 11.5060

Deuteranomaly

162.4030, 15.4030, 12.7070

Tritanomaly

163.1770, 30.8990, 18.2190

Monochromacy



Original Color

163.8010, 29.2020, 21.4420

Achromatopsia

164.0000, 0.0000, -0.0000

Achromatomaly

163.9030, 10.8190, 7.6750

CSS Examples

Text

The CSS property to change the color of the text to YIQ 163.8010, 29.2020, 21.4420 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(205, 142, 168)` looks like.

```
.text, #text, p{  
    color:rgb(205, 142, 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(205, 142, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 142, 168) }
```

Border

The CSS property to change the border of an element to YIQ 163.8010, 29.2020, 21.4420 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(205, 142, 168) }
```


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

```
.border{ border-color:rgb(205, 142, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 142, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 142, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 142, 168);  
box-shadow:4px 4px 4px 4px rgb(205, 142,  
168) }
```

Background

The CSS property to change the background color of an element to YIQ 163.8010, 29.2020, 21.4420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 142, 168) }
```

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

```
.background{ background-color: rgb(205,  
142, 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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