

Converting Colors

YIQ(170.4920, 17.3710, 32.1150)

Have a look what the booklet for
YIQ(170.4920, 17.3710, 32.1150)
contains.

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Color

**YIQ(170.4920, 17.3710,
32.1150)**

Conversions

Conversions Part 1

Format	Color
Hex	CF91CE
RGB	207, 145, 206
RGB Percent	81%, 57%, 81%
CMY	0.1880, 0.4315, 0.1921
CMYK	0.00, 0.30, 0.01, 0.19
HSL	301°, 39%, 69%
HSV	301°, 30%, 81%
XYZ	47.0080, 37.9716, 63.2477
YIQ	170.4920, 17.3710, 32.1150

Conversions

Conversions Part 2

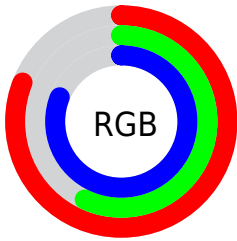
Format	Color
R_{YB}	207, 145, 206
Decimal	13603278
CIE _{Lab}	68.00, 33.34, -22.05
CIE _{LCh}	68, 39.973, 326.525
Yxy	37.9716, 0.3171, 0.2562
Android (android.graphics.Color)	4291793358 (0xFFCF91CE)
YUV	170.4920, 17.5054, 32.0175
Hunter-Lab	61.6211, 28.3329, -17.7203

Details

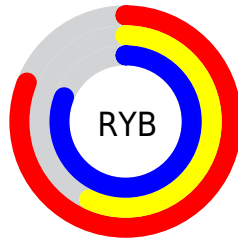
The YIQ color **170.4920, 17.3710, 32.1150** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **181.5080, -17.3710, -32.1150**, and the grayscale version is **170.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **222.7150, 15.1250, 28.7650**, and **117.3670, 16.2250, 30.8570** is the 20% darker color. If you saturate the color by 10%, you get **158.1650, 23.1460, 43.0980**, and if you desaturate by 10%, it is **182.8190, 11.5960, 21.1320**.

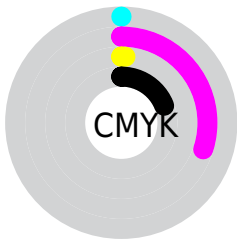
Distribution



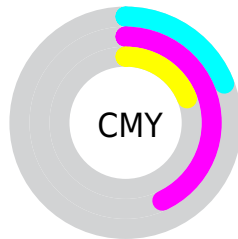
- Red (81%)
- Green (57%)
- Blue (81%)



- Red (81%)
- Yellow (57%)
- Blue (81%)



- Cyan (0%)
- Magenta (30%)
- Yellow (1%)
- Black (19%)



- Cyan (19%)
- Magenta (43%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 170.4920, 17.3710, 32.1150 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 170.4920, 17.3710, 32.1150 by changing the saturation by 10% instead.

■ 170.4920, 17.3710,
32.1150

■ 170.4920, 17.3710,
32.1150

255.0000, -0.0000,
-0.0000

■ 143.6660, 16.8210,
31.0690

■ 222.7150, 15.1250,
28.7650

■ 117.3670, 16.2250,
30.8570

■ 239.1510, 7.4250,
14.1210

■ 92.2420, 15.0790,
29.5990

■ 67.4160, 14.5290,
28.5530

■ 43.1170, 13.9330,
28.3410

■ 20.9920, 12.7870,
27.0830

■ 12.6180, 7.6080,

16.3120

■ 0.3420, -0.9630,
0.9330

■ 0.0000, 0.0000,
0.0000

■ 170.4920, 17.3710,
32.1150

■ 170.4920, 17.3710,
32.1150

■ 158.1650, 23.1460,
43.0980

■ 182.8190, 11.5960,
21.1320

■ 146.3110, 28.9670,
53.2470

■ 194.6730, 5.7750,
10.9830

■ 133.9840, 34.7420,
64.2300

■ 207.0000, 0.0000,
-0.0000

■ 121.6570, 40.5170,
75.2130

■ 219.3270, -5.7750,
-10.9830

109.2160, 46.6130,
85.8850

231.7680,
-11.8710, -21.6550

97.4760, 52.1130,
96.3450

235.2900,
-13.5210, -24.7930

85.1490, 57.8880,
107.3280

235.4040,
-13.8420, -24.4820

Harmonies

Analogous

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



167.7030, -20.1320, 23.4520



170.4920, 17.3710, 32.1150



168.9820, 45.1100, 30.5020

Triad

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



170.4920, 17.3710, 32.1150



163.4030, 40.6250, -14.8870



130.4660, -113.8370, -34.9650

Complementary

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



170.4920, 17.3710, 32.1150



181.5080, -17.3710, -32.1150

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.



144.4760, -67.0710, -34.4870



170.4920, 17.3710, 32.1150



159.5950, 13.3010, -26.3070

Square

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



170.4920, 17.3710, 32.1150



165.4410, 55.7980, 1.9900



154.2840, -22.5520, -31.8320



132.5060, -119.3410, -23.3170

Rectangle

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



170.4920, 17.3710, 32.1150



168.3280, 55.5190, 23.5750



154.2840, -22.5520, -31.8320



129.6850, -110.2600, -39.2200

Sweetspot

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



170.4920, 17.3710, 32.1150



241.4990, 6.3250, 12.0290



152.3670, -19.3060, 19.4940



119.0810, 4.4460, 7.5340



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.



170.4920, 17.3710, 32.1150



200.7680, 25.9420, 47.4940



166.9580, 27.3220, 22.4740



98.4290, 3.3460, 5.4420



69.0420, 47.1630, 86.9310



16.8190, 11.5960, 21.1320

Inverse Universe

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



170.4920, 17.3710, 32.1150



200.7680, 25.9420, 47.4940



185.0420, -27.3220, -22.4740



98.4290, 3.3460, 5.4420



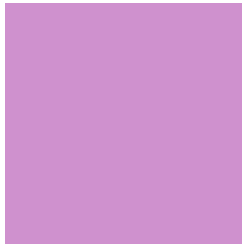
69.0420, 47.1630, 86.9310



16.8190, 11.5960, 21.1320

Previews

White Background



This preview shows how the YIQ color 170.4920, 17.3710, 32.1150 looks on a white background.

Color Contrast Check

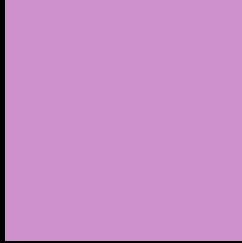
Large Text (above 18pt) WCAG AA × Fail

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 170.4920, 17.3710, 32.1150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

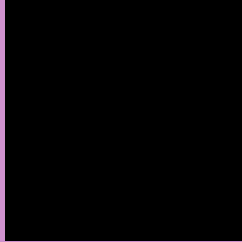
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 170.4920, 17.3710, 32.1150

Background



This preview shows how black text looks on a background with the YIQ color 170.4920, 17.3710, 32.1150.



This preview shows how white text looks on a background with the YIQ color 170.4920, 17.3710,

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

170.4920, 17.3710, 32.1150

Protanopia

166.4970, -25.7240, 14.6600

Deuteranopia

167.2720, -11.9690, 13.1750



Tritanopia

168.7200, 24.7560, 13.9080

Trichromacy



Original Color

170.4920, 17.3710, 32.1150



Protanomaly

167.7980, -10.2740, 21.0060



Deuteranomaly

168.6480, -1.1040, 20.0160



Tritanomaly

169.2670, 21.9580, 20.5660

Monochromacy



Original Color

170.4920, 17.3710, 32.1150



Achromatopsia

170.0000, -0.0000, 0.0000



Achromatomaly

170.0860, 6.0500, 11.5060

CSS Examples

Text

The CSS property to change the color of the text to YIQ 170.4920, 17.3710, 32.1150 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(207, 145, 206)` looks like.

```
.text, #text, p{  
    color:rgb(207, 145, 206)  
}
```

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(207, 145, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 145, 206) }
```

Border

The CSS property to change the border of an element to YIQ 170.4920, 17.3710, 32.1150 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(207, 145, 206) }
```


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

```
.border{ border-color:rgb(207, 145, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 145, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 145, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 145, 206);  
box-shadow:4px 4px 4px 4px rgb(207, 145,  
206) }
```

Background

The CSS property to change the background color of an element to YIQ 170.4920, 17.3710, 32.1150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 145, 206) }
```

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

```
.background{ background-color: rgb(207,  
145, 206) }
```

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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