

Converting Colors

YIQ(202.6500, 30.9450, 17.3850)

Have a look what the booklet for
YIQ(202.6500, 30.9450, 17.3850)
contains.

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Color

**YIQ(202.6500, 30.9450,
17.3850)**

Conversions

Conversions Part 1

Format	Color
Hex	F3B7C6
RGB	243, 183, 198
RGB Percent	95%, 72%, 78%
CMY	0.0469, 0.2824, 0.2234
CMYK	0.00, 0.25, 0.19, 0.05
HSL	345°, 72%, 84%
HSV	345°, 25%, 95%
XYZ	64.1001, 56.9967, 61.0662
YIQ	202.6500, 30.9450, 17.3850

Conversions

Conversions Part 2

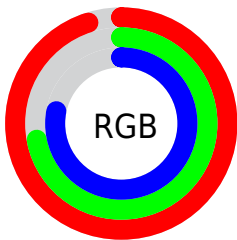
Format	Color
R_{YB}	243, 183, 198
Decimal	15972294
CIE _{Lab}	80.18, 23.91, 0.89
CIE _{LCh}	80, 23.931, 2.130
Yxy	56.9967, 0.3519, 0.3129
Android (android.graphics.Color)	4294162374 (0xFFFF3B7C6)
YUV	202.6500, -2.2924, 35.3870
Hunter-Lab	75.4962, 19.4375, 4.8897

Details

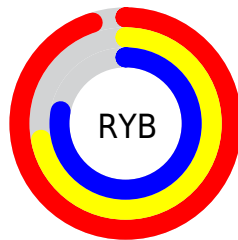
The YIQ color $202.6500, 30.9450, 17.3850$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $223.3500, -30.9450, -17.3850$, and the grayscale version is $203.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $245.6080, 4.4000, 8.3680$, and $148.3400, 28.8820, 16.2260$ is the 20% darker color. If you saturate the color by 10%, you get $186.5100, 43.3230, 24.3390$, and if you desaturate by 10%, it is $218.7900, 18.5670, 10.4310$.

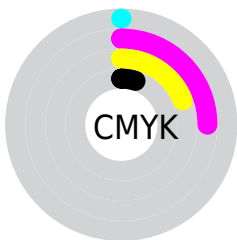
Distribution



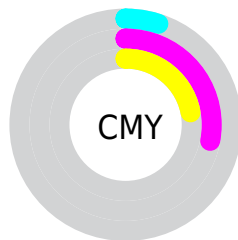
- Red (95%)
- Green (72%)
- Blue (78%)



- Red (95%)
- Yellow (72%)
- Blue (78%)



- Cyan (0%)
- Magenta (25%)
- Yellow (19%)
- Black (5%)




- Cyan (5%)
- Magenta (28%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 202.6500, 30.9450, 17.3850 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 202.6500, 30.9450, 17.3850 by changing the saturation by 10% instead.

 202.6500, 30.9450,
17.3850

 202.6500, 30.9450,
17.3850


255.0000, -0.0000,
-0.0000


 175.0520, 29.7530,
16.9610


 245.6080, 4.4000,
8.3680

 148.3400, 28.8820,
16.2260

 121.8560, 27.3690,
16.1130

 97.1440, 26.4980,
15.3780

 72.5460, 25.3060,
14.9540

 48.7630, 23.1970,
14.6290

 26.2790, 21.6840,

14.5160

■ 11.4760, 22.3270,
8.3670

■ 0.0000, 0.0000,
0.0000

■ 202.6500, 30.9450,
17.3850

■ 202.6500, 30.9450,
17.3850

■ 186.5100, 43.3230,
24.3390

■ 218.7900, 18.5670,
10.4310

■ 169.7830, 55.9760,
31.8160

■ 235.5170, 5.9140,
2.9540

■ 153.5290, 68.6750,
38.4590

■ 251.1840, -6.5100,
-3.1660

■ 137.3890, 81.0530,
45.4130

■ 251.4120, -7.1520,
-2.5440

■ 120.6620, 93.7060,
52.8900

■ 104.5220,
106.0840, 59.8440

■ 88.3820, 118.4620,
66.7980

■ 79.6110, 125.2470,
70.4870

Harmonies

Analogous

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



202.7330, 14.7140, 19.6900



202.6500, 30.9450, 17.3850



201.6150, 38.0530, 9.7090

Triad

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



202.6500, 30.9450, 17.3850



195.4990, 5.1840, -16.8640



192.8930, -45.1150, -2.8670

Complementary

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



202.6500, 30.9450, 17.3850



223.3500, -30.9450, -17.3850

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.



189.8290, -48.2310, -12.4790



202.6500, 30.9450, 17.3850



192.4840, -16.8230, -20.0150

Square

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



202.6500, 30.9450, 17.3850



197.7680, 23.6600, -10.2920



190.3000, -36.6760, -18.1480



197.4270, -28.7030, 8.0730

Rectangle

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



202.6500, 30.9450, 17.3850



200.2140, 37.5040, 3.1360



190.3000, -36.6760, -18.1480



191.1160, -47.3610, -6.2170

Sweetspot

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



202.6500, 30.9450, 17.3850



242.9520, 9.1230, 5.3710



202.9960, 6.9640, 27.9880



120.6310, 5.5930, 3.2650



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.



202.6500, 30.9450, 17.3850



203.8900, 39.1970, 22.0210



209.1580, 31.9100, 5.3980



113.9300, 6.1890, 3.4770



60.9720, 95.7690, 54.0490



19.3510, 30.3490, 17.1730

Inverse Universe

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



202.6500, 30.9450, 17.3850



203.8900, 39.1970, 22.0210



216.8420, -31.9100, -5.3980



113.9300, 6.1890, 3.4770



60.9720, 95.7690, 54.0490



19.3510, 30.3490, 17.1730

Previews

White Background



This preview shows how the YIQ color 202.6500, 30.9450, 17.3850 looks on a white background.

Color Contrast Check

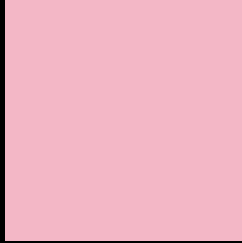
Large Text (above 18pt) WCAG AA × Fail

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 202.6500, 30.9450, 17.3850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

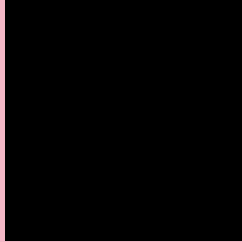
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 202.6500, 30.9450, 17.3850

Background



This preview shows how black text looks on a background with the YIQ color 202.6500, 30.9450, 17.3850.



This preview shows how white text looks on a background with the YIQ color 202.6500, 30.9450,

17.3850.

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

202.6500, 30.9450, 17.3850

Protanopia

199.6240, -1.6970, 3.2230

Deuteranopia

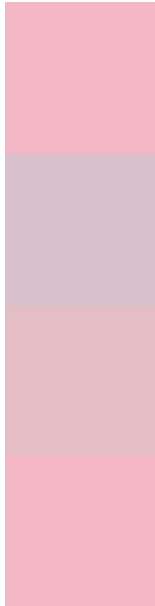
201.1160, 14.5330, 6.4450



Tritanopia

202.5360, 31.2660, 17.0740

Trichromacy



Original Color

202.6500, 30.9450, 17.3850

Protanomaly

201.1310, 10.1770, 8.2970

Deuteranomaly

201.5730, 20.6760, 10.7560

Tritanomaly

202.5360, 31.2660, 17.0740

Monochromacy



Original Color

202.6500, 30.9450, 17.3850

Achromatopsia

203.0000, 0.0000, -0.0000

Achromatomaly

203.1480, 11.5070, 6.2190

CSS Examples

Text

The CSS property to change the color of the text to YIQ 202.6500, 30.9450, 17.3850 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(243, 183, 198)` looks like.

```
.text, #text, p{  
    color:rgb(243, 183, 198)  
}
```

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(243, 183, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 183, 198) }
```

Border

The CSS property to change the border of an element to YIQ 202.6500, 30.9450, 17.3850 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(243, 183, 198) }
```


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

```
.border{ border-color:rgb(243, 183, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 183, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 183, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 183, 198);  
box-shadow:4px 4px 4px 4px rgb(243, 183,  
198) }
```

Background

The CSS property to change the background color of an element to YIQ 202.6500, 30.9450, 17.3850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 183, 198) }
```

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

```
.background{ background-color: rgb(243,  
183, 198) }
```

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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