

Converting Colors

YIQ(206.7200, 33.9240, 23.9720)

Have a look what the booklet for
YIQ(206.7200, 33.9240, 23.9720)
contains.

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Color

**YIQ(206.7200, 33.9240,
23.9720)**

Conversions

Conversions Part 1

Format	Color
Hex	FEB6D2
RGB	254, 182, 210
RGB Percent	100%, 71%, 82%
CMY	0.0037, 0.2864, 0.1764
CMYK	0.00, 0.28, 0.17, 0.00
HSL	337°, 97%, 85%
HSV	337°, 28%, 100%
XYZ	69.2489, 59.1780, 68.7643
YIQ	206.7200, 33.9240, 23.9720

Conversions

Conversions Part 2

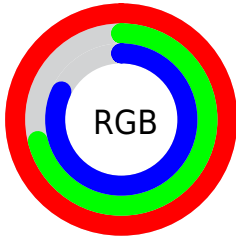
Format	Color
RYB	254, 182, 210
Decimal	16692946
CIELab	81.39, 30.13, -3.68
CIELCh	81, 30.355, 353.038
Yxy	59.1780, 0.3512, 0.3001
Android (android.graphics.Color)	4294883026 (0xFFFE6D2)
YUV	206.7200, 1.6170, 41.4646
Hunter-Lab	76.9273, 26.0606, 0.8505

Details

The YIQ color $206.7200, 33.9240, 23.9720$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $229.2800, -33.9240, -23.9720$, and the grayscale version is $207.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $245.0210, 4.6750, 8.8910$, and $151.5240, 31.5400, 23.1240$ is the 20% darker color. If you saturate the color by 10%, you get $190.3350, 45.6140, 32.3820$, and if you desaturate by 10%, it is $223.2190, 21.9130, 15.8730$.

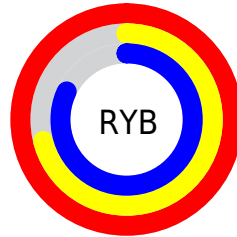
Distribution



Red (100%)

Green (71%)

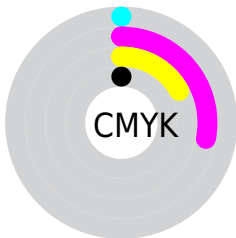
Blue (82%)



Red (100%)

Yellow (71%)

Blue (82%)

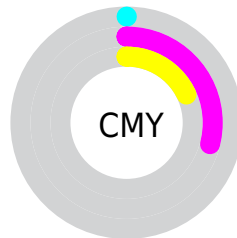


Cyan (0%)

Magenta (28%)

Yellow (17%)

Black (0%)



Cyan (0%)


Magenta (29%)

Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 206.7200, 33.9240, 23.9720 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 206.7200, 33.9240, 23.9720 by changing the saturation by 10% instead.


 206.7200, 33.9240,
23.9720


 206.7200, 33.9240,
23.9720


255.0000, -0.0000,
-0.0000


 179.0080, 33.0530,
23.2370


 245.0210, 4.6750,
8.8910

 151.5240, 31.5400,
23.1240

 125.5130, 30.0730,
22.1770

 99.9150, 28.8810,
21.7530

 75.2030, 28.0100,
21.0180

 50.8330, 26.1760,
21.2160

 26.1750, 25.2130,

22.1490

■ 14.5670, 20.8130,
13.7810

■ 0.0000, 0.0000,
0.0000

■ 206.7200, 33.9240,
23.9720

■ 206.7200, 33.9240,
23.9720

■ 190.3350, 45.6140,
32.3820

■ 223.2190, 21.9130,
15.8730

■ 173.2490, 57.9000,
41.0040

■ 240.1910, 9.9480,
6.9400

■ 156.7500, 69.9110,
49.1030

254.7010, -0.5960,
-0.2120

■ 139.7780, 81.8760,
58.0360

■ 123.2790, 93.8870,
66.1350

■ 106.8940,
105.5770, 74.5450

■ 89.8080, 117.8630,
83.1670

■ 87.2320, 119.6050,
84.6370

Harmonies

Analogous

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



206.7420, 10.4950, 24.5670



206.7200, 33.9240, 23.9720



203.7130, 43.8290, 15.1650

Triad

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



206.7200, 33.9240, 23.9720



198.2950, 14.4460, -19.5220



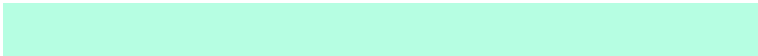
191.1510, -63.6370, -8.6050

Complementary

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



206.7200, 33.9240, 23.9720



229.2800, -33.9240, -23.9720

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.



188.3710, -61.8010, -19.8570



206.7200, 33.9240, 23.9720



194.5890, -12.9250, -24.5810

Square

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



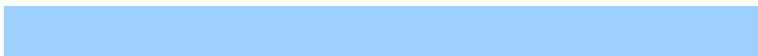
206.7200, 33.9240, 23.9720



201.3410, 35.1680, -9.6000



190.7460, -41.1680, -24.8480



197.5220, -45.2080, 4.3280

Rectangle

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



206.7200, 33.9240, 23.9720



204.2370, 47.8650, 8.0970



190.7460, -41.1680, -24.8480



189.7330, -65.5160, -13.1000

Sweetspot

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



206.7200, 33.9240, 23.9720



239.9030, 10.8190, 7.6750



203.0650, 2.5160, 31.5080



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.



206.7200, 33.9240, 23.9720



197.8890, 40.9380, 29.0180



207.6370, 40.9870, 11.6030



119.4570, 6.1430, 4.3110



65.5450, 90.0820, 63.5060



21.9860, 30.1190, 21.3430

Inverse Universe

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



206.7200, 33.9240, 23.9720



197.8890, 40.9380, 29.0180



228.3630, -40.9870, -11.6030



119.4570, 6.1430, 4.3110



65.5450, 90.0820, 63.5060



21.9860, 30.1190, 21.3430

Previews

White Background



This preview shows how the YIQ color 206.7200, 33.9240, 23.9720 looks on a white background.

Color Contrast Check

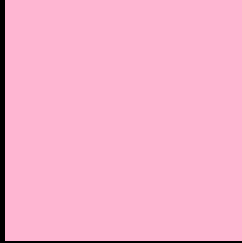
Large Text (above 18pt) WCAG AA × Fail

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 206.7200, 33.9240, 23.9720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

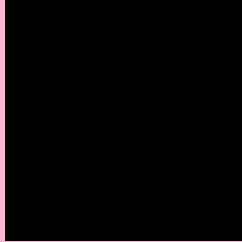
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 206.7200, 33.9240, 23.9720

Background



This preview shows how black text looks on a background with the YIQ color 206.7200, 33.9240, 23.9720.



This preview shows how white text looks on a background with the YIQ color 206.7200, 33.9240,

23.9720.

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

206.7200, 33.9240, 23.9720

Protanopia

203.3940, -6.7410, 6.5310

Deuteranopia

204.4300, 10.7730, 8.5090



Tritanopia

206.2270, 36.6300, 18.9820

Trichromacy



Original Color

206.7200, 33.9240, 23.9720

Protanomaly

204.5100, 7.7920, 12.9760

Deuteranomaly

205.1970, 18.9790, 13.9790

Tritanomaly

206.0960, 35.6210, 20.7490

Monochromacy



Original Color

206.7200, 33.9240, 23.9720

Achromatopsia

207.0000, 0.0000, -0.0000

Achromatomaly

206.9140, 12.2860, 8.6220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 206.7200, 33.9240, 23.9720 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(254, 182, 210)` looks like.

```
.text, #text, p{  
    color:rgb(254, 182, 210)  
}
```

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(254, 182, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 182, 210) }
```

Border

The CSS property to change the border of an element to YIQ 206.7200, 33.9240, 23.9720 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(254, 182, 210) }
```


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

```
.border{ border-color:rgb(254, 182, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 182, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 182, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 182, 210);  
box-shadow:4px 4px 4px 4px rgb(254, 182,  
210) }
```

Background

The CSS property to change the background color of an element to YIQ 206.7200, 33.9240, 23.9720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 182, 210) }
```

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

```
.background{ background-color: rgb(254,  
182, 210) }
```

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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