

Converting Colors

YIQ(204.2220, 26.9990, 33.8390)

Have a look what the booklet for
YIQ(204.2220, 26.9990, 33.8390)
contains.

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Color

**YIQ(204.2220, 26.9990,
33.8390)**

Conversions

Conversions Part 1

Format	Color
Hex	FBAFE8
RGB	251, 175, 232
RGB Percent	98%, 69%, 91%
CMY	0.0155, 0.3138, 0.0901
CMYK	0.00, 0.30, 0.08, 0.02
HSL	315°, 91%, 84%
HSV	315°, 30%, 98%
XYZ	69.6951, 56.9942, 83.6835
YIQ	204.2220, 26.9990, 33.8390

Conversions

Conversions Part 2

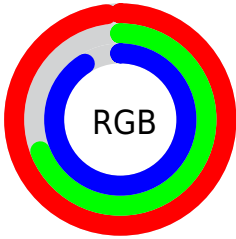
Format	Color
R_{YB}	251, 175, 232
Decimal	16494568
CIE _{Lab}	80.18, 36.32, -17.38
CIE _{LCh}	80, 40.267, 334.433
Yxy	56.9942, 0.3313, 0.2709
Android (android.graphics.Color)	4294684648 (0xFFFB _A FE8)
YUV	204.2220, 13.6946, 41.0243
Hunter-Lab	75.4945, 32.6726, -12.8752

Details

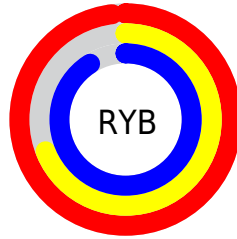
The YIQ color $204.2220, 26.9990, 33.8390$ is a light color, and the websafe version is hex $FF99CC$. A complement of this color would be $221.7780, -26.9990, -33.8390$, and the grayscale version is $204.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $240.9120, 6.6000, 12.5520$, and $148.7980, 25.2570, 32.3690$ is the 20% darker color. If you saturate the color by 10%, you get $188.8630, 35.8000, 45.0480$, and if you desaturate by 10%, it is $219.5810, 18.1980, 22.6300$.

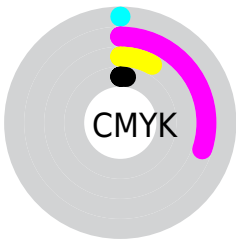
Distribution



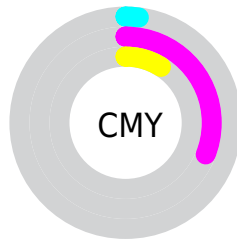
- Red (98%)
- Green (69%)
- Blue (91%)



- Red (98%)
- Yellow (69%)
- Blue (91%)



- Cyan (0%)
- Magenta (30%)
- Yellow (8%)
- Black (2%)



- Cyan (2%)
- Magenta (31%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 204.2220, 26.9990, 33.8390 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 204.2220, 26.9990, 33.8390 by changing the saturation by 10% instead.

204.2220, 26.9990,
33.8390

204.2220, 26.9990,
33.8390

255.0000, -0.0000,
-0.0000

176.5100, 26.1280,
33.1040

240.9120, 6.6000,
12.5520

149.0970, 25.8530,
32.5810

123.0860, 24.3860,
31.6340

97.3740, 23.5150,
30.8990

71.7760, 22.3230,
30.4750

46.5910, 21.4060,
30.5740

24.4660, 20.2600,

29.3160

■ 16.0920, 15.0810,
18.5450

■ 0.1140, -0.3210,
0.3110

■ 204.2220, 26.9990,
33.8390

■ 204.2220, 26.9990,
33.8390

■ 188.8630, 35.8000,
45.0480

■ 219.5810, 18.1980,
22.6300

■ 173.3900, 44.9220,
55.9460

■ 235.0540, 9.0760,
11.7320

■ 158.0310, 53.7230,
67.1550

■ 250.4130, 0.2750,
0.5230

■ 142.6720, 62.5240,
78.3640

■ 253.8040, -2.3840,
-0.8480

■ 126.7260, 71.6000,
90.0960

■ 111.2530, 80.7220,
100.9940

■ 96.4810, 89.2480,
111.6800

Harmonies

Analogous

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



201.9280, -7.5240, 26.2360



204.2220, 26.9990, 33.8390



198.2650, 42.6350, 25.7950

Triad

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



204.2220, 26.9990, 33.8390



195.7290, 36.5910, -18.8730



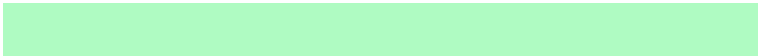
171.1730, -105.4020, -28.1380

Complementary

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



204.2220, 26.9990, 33.8390



221.7780, -26.9990, -33.8390

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.



177.1100, -74.7280, -33.3840



204.2220, 26.9990, 33.8390



191.4090, 4.9570, -29.2750

Square

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



204.2220, 26.9990, 33.8390



198.6920, 56.3490, -2.4910



185.3690, -33.0970, -33.4570



180.4350, -85.0480, -11.5440

Rectangle

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



204.2220, 26.9990, 33.8390



196.5890, 50.1100, 16.9740



185.3690, -33.0970, -33.4570



171.7020, -99.7620, -31.2340

Sweetspot

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



204.2220, 26.9990, 33.8390



240.8150, 8.2510, 10.1630



189.3450, -13.0720, 27.6640



118.7390, 5.4090, 6.6010



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.



204.2220, 26.9990, 33.8390



198.3740, 32.6830, 40.9630



199.8900, 39.1970, 22.0210



117.0270, 4.5380, 5.8660



72.5850, 67.3830, 83.9190



23.4830, 21.5900, 27.2380

Inverse Universe

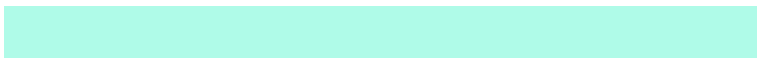
The Inverse Universe completely reimagines the original color for something new.



204.2220, 26.9990, 33.8390



198.3740, 32.6830, 40.9630



226.1100, -39.1970, -22.0210



117.0270, 4.5380, 5.8660



72.5850, 67.3830, 83.9190



23.4830, 21.5900, 27.2380

Previews

White Background



This preview shows how the YIQ color 204.2220, 26.9990, 33.8390 looks on a white background.

Color Contrast Check

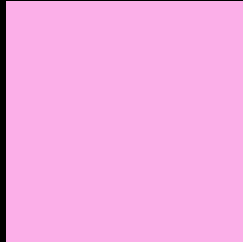
Large Text (above 18pt) WCAG AA × Fail

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 204.2220, 26.9990, 33.8390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

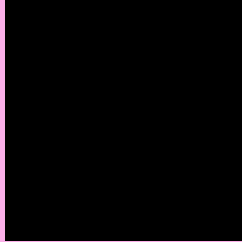
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 204.2220, 26.9990, 33.8390

Background



This preview shows how black text looks on a background with the YIQ color 204.2220, 26.9990, 33.8390.



This preview shows how white text looks on a background with the YIQ color 204.2220, 26.9990,

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

204.2220, 26.9990, 33.8390

Protanopia

199.7100, -22.0100, 13.4300

Deuteranopia

201.1650, -4.3580, 12.9060



Tritanopia

202.7320, 33.6500, 17.9220

Trichromacy



Original Color

204.2220, 26.9990, 33.8390



Protanomaly

201.3210, -4.4970, 20.9350



Deuteranomaly

202.2530, 7.3780, 20.4820



Tritanomaly

203.0510, 31.4940, 23.9580

Monochromacy



Original Color

204.2220, 26.9990, 33.8390



Achromatopsia

204.0000, -0.0000, -0.0000



Achromatomaly

203.7660, 9.9470, 12.4670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 204.2220, 26.9990, 33.8390 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(251, 175, 232)` looks like.

```
.text, #text, p{  
    color:rgb(251, 175, 232)  
}
```

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(251, 175, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 175, 232) }
```

Border

The CSS property to change the border of an element to YIQ 204.2220, 26.9990, 33.8390 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(251, 175, 232) }
```


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

```
.border{ border-color:rgb(251, 175, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 175, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 175, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 175, 232);  
box-shadow:4px 4px 4px 4px rgb(251, 175,  
232) }
```

Background

The CSS property to change the background color of an element to YIQ 204.2220, 26.9990, 33.8390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 175, 232) }
```

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

```
.background{ background-color: rgb(251,  
175, 232) }
```

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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