

Converting Colors

YIQ(204.9900, 24.2960, 22.2480)

Have a look what the booklet for
YIQ(204.9900, 24.2960, 22.2480)
contains.

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Color

**YIQ(204.9900, 24.2960,
22.2480)**

Conversions

Conversions Part 1

Format	Color
Hex	F2B8D8
RGB	242, 184, 216
RGB Percent	95%, 72%, 85%
CMY	0.0508, 0.2785, 0.1529
CMYK	0.00, 0.24, 0.11, 0.05
HSL	327°, 69%, 84%
HSV	327°, 24%, 95%
XYZ	66.1643, 58.1141, 72.7080
YIQ	204.9900, 24.2960, 22.2480

Conversions

Conversions Part 2

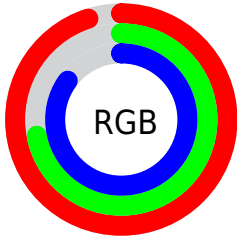
Format	Color
R _Y B	242, 184, 216
Decimal	15907032
CIE Lab	80.80, 25.88, -7.91
CIE LCh	81, 27.062, 343.001
Yxy	58.1141, 0.3359, 0.2950
Android (android.graphics.Color)	4294097112 (0xFFF2B8D8)
YUV	204.9900, 5.4279, 32.4578
Hunter-Lab	76.2326, 21.5178, -3.1860

Details

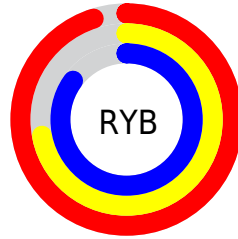
The YIQ color $204.9900, 24.2960, 22.2480$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $221.0100, -24.2960, -22.2480$, and the grayscale version is $205.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $246.1950, 4.1250, 7.8450$, and $150.5660, 22.5540, 20.7780$ is the 20% darker color. If you saturate the color by 10%, you get $189.6480, 34.4270, 31.3790$, and if you desaturate by 10%, it is $220.3320, 14.1650, 13.1170$.

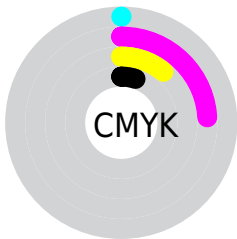
Distribution



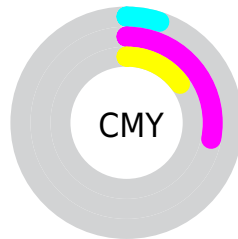
- Red (95%)
- Green (72%)
- Blue (85%)



- Red (95%)
- Yellow (72%)
- Blue (85%)



- Cyan (0%)
- Magenta (24%)
- Yellow (11%)
- Black (5%)




- Cyan (5%)
- Magenta (28%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 204.9900, 24.2960, 22.2480 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 204.9900, 24.2960, 22.2480 by changing the saturation by 10% instead.


 204.9900, 24.2960,
22.2480


 204.9900, 24.2960,
22.2480


255.0000, -0.0000,
-0.0000


 177.2780, 23.4250,
21.5130


 246.1950, 4.1250,
7.8450

 149.9790, 22.8290,
21.3010

 124.2670, 21.9580,
20.5660

 98.6690, 20.7660,
20.1420

 74.5440, 19.6200,
18.8840

 50.9460, 18.4280,
18.4600

 27.7610, 17.5110,

18.5590

■ 13.3430, 15.6320,
14.0640

■ 0.0000, 0.0000,
0.0000

■ 204.9900, 24.2960,
22.2480

■ 204.9900, 24.2960,
22.2480

■ 189.6480, 34.4270,
31.3790

■ 220.3320, 14.1650,
13.1170

■ 174.3060, 44.5580,
40.5100

■ 235.6740, 4.0340,
3.9860

■ 158.3770, 54.9640,
50.1640

■ 250.4290, -5.8220,
-4.6220

■ 143.1490, 64.7740,
59.6060

■ 251.1130, -7.7480,
-2.7560

■ 127.8070, 74.9050,
68.7370

■ 112.4650, 85.0360,
77.8680

■ 97.1230, 95.1670,
86.9990

■ 87.6340, 101.2180,
92.9780

Harmonies

Analogous

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



203.8440, 1.2800, 20.8640



204.9900, 24.2960, 22.2480



203.8420, 39.1520, 17.3280

Triad

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



204.9900, 24.2960, 22.2480



197.9800, 19.9470, -14.5890



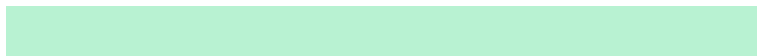
190.5770, -56.2090, -11.0650

Complementary

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



204.9900, 24.2960, 22.2480



221.0100, -24.2960, -22.2480

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.



189.4280, -48.7800, -19.0520



204.9900, 24.2960, 22.2480



194.7860, -3.1140, -20.6660

Square

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



204.9900, 24.2960, 22.2480



200.6880, 35.8090, -4.6950



191.8570, -28.2390, -22.3750



194.9300, -46.5370, 0.8790

Rectangle

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



204.9900, 24.2960, 22.2480



203.4800, 42.8670, 10.5710



191.8570, -28.2390, -22.3750



189.4690, -56.0250, -14.4010

Sweetspot

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



204.9900, 24.2960, 22.2480



243.5220, 7.5180, 6.9260



198.0870, -3.7180, 23.3380



120.9730, 4.6300, 4.1980



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.



204.9900, 24.2960, 22.2480



207.8000, 30.9430, 28.4390



201.7980, 33.2840, 13.5400



112.2720, 5.2260, 4.4100



66.5300, 77.2430, 70.4190



20.2780, 23.4250, 21.5130

Inverse Universe

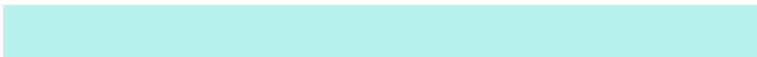
The Inverse Universe completely reimagines the original color for something new.



204.9900, 24.2960, 22.2480



207.8000, 30.9430, 28.4390



224.2020, -33.2840, -13.5400



112.2720, 5.2260, 4.4100



66.5300, 77.2430, 70.4190



20.2780, 23.4250, 21.5130

Previews

White Background



This preview shows how the YIQ color 204.9900, 24.2960, 22.2480 looks on a white background.

Color Contrast Check

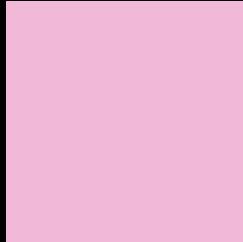
Large Text (above 18pt) WCAG AA × Fail

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 204.9900, 24.2960, 22.2480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

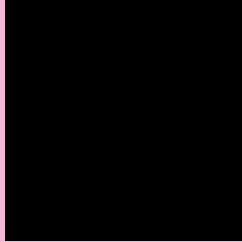
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 204.9900, 24.2960, 22.2480

Background



This preview shows how black text looks on a background with the YIQ color 204.9900, 24.2960, 22.2480.



This preview shows how white text looks on a background with the YIQ color 204.9900, 24.2960,

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

204.9900, 24.2960, 22.2480

Protanopia

201.4800, -9.8590, 7.9730

Deuteranopia

202.8470, 5.2250, 9.9370



Tritanopia

204.4430, 27.0940, 15.5900

Trichromacy



Original Color

204.9900, 24.2960, 22.2480

Protanomaly

202.8730, 2.3360, 12.7360

Deuteranomaly

203.6030, 11.9640, 14.4600

Tritanomaly

204.7250, 26.3600, 17.8800

Monochromacy



Original Color

204.9900, 24.2960, 22.2480

Achromatopsia

205.0000, -0.0000, 0.0000

Achromatomaly

204.6470, 8.6640, 8.1840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 204.9900, 24.2960, 22.2480 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(242, 184, 216)` looks like.

```
.text, #text, p{  
    color:rgb(242, 184, 216)  
}
```

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(242, 184, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 184, 216) }
```

Border

The CSS property to change the border of an element to YIQ 204.9900, 24.2960, 22.2480 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(242, 184, 216) }
```


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

```
.border{ border-color:rgb(242, 184, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 184, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 184, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 184, 216);  
box-shadow:4px 4px 4px 4px rgb(242, 184,  
216) }
```

Background

The CSS property to change the background color of an element to YIQ 204.9900, 24.2960, 22.2480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 184, 216) }
```

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

```
.background{ background-color: rgb(242,  
184, 216) }
```

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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