

Converting Colors

YIQ(203.7420, 27.6900, 15.8020)

Have a look what the booklet for
YIQ(203.7420, 27.6900, 15.8020)
contains.

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Color

**YIQ(203.7420, 27.6900,
15.8020)**

Conversions

Conversions Part 1

Format	Color
Hex	F0BAC8
RGB	240, 186, 200
RGB Percent	94%, 73%, 78%
CMY	0.0587, 0.2707, 0.2156
CMYK	0.00, 0.23, 0.17, 0.06
HSL	344°, 64%, 84%
HSV	344°, 23%, 94%
XYZ	63.9295, 57.8110, 62.4482
YIQ	203.7420, 27.6900, 15.8020

Conversions

Conversions Part 2

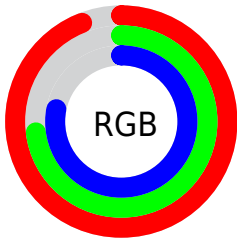
Format	Color
R _Y B	240, 186, 200
Decimal	15776456
CIE Lab	80.63, 21.56, 0.44
CIE LCh	81, 21.565, 1.171
Yxy	57.8110, 0.3471, 0.3139
Android (android.graphics.Color)	4293966536 (0xFFFF0BAC8)
YUV	203.7420, -1.8448, 31.7983
Hunter-Lab	76.0335, 17.0253, 4.5271

Details

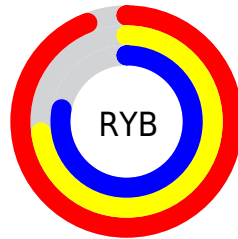
The YIQ color $203.7420, 27.6900, 15.8020$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $222.2580, -27.6900, -15.8020$, and the grayscale version is $204.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $247.3690, 3.5750, 6.7990$, and $149.4320, 25.6270, 14.6430$ is the 20% darker color. If you saturate the color by 10%, you get $187.6020, 40.0680, 22.7560$, and if you desaturate by 10%, it is $219.8820, 15.3120, 8.8480$.

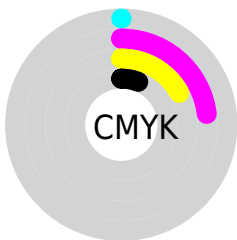
Distribution



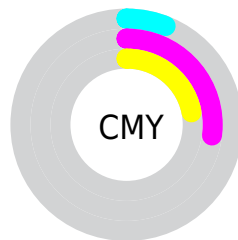
- Red (94%)
- Green (73%)
- Blue (78%)



- Red (94%)
- Yellow (73%)
- Blue (78%)



- Cyan (0%)
- Magenta (23%)
- Yellow (17%)
- Black (6%)




- Cyan (6%)
- Magenta (27%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 203.7420, 27.6900, 15.8020 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 203.7420, 27.6900, 15.8020 by changing the saturation by 10% instead.

 203.7420, 27.6900,
15.8020


 203.7420, 27.6900,
15.8020


255.0000, -0.0000,
-0.0000


 176.1440, 26.4980,
15.3780


 247.3690, 3.5750,
6.7990

 149.4320, 25.6270,
14.6430

 123.1330, 25.0310,
14.4310

 97.6490, 23.5180,
14.3180

 73.9370, 22.6470,
13.5830

 50.4530, 21.1340,
13.4700

 27.6700, 19.0250,

13.1450

■ 10.9920, 20.8140,
8.2540

■ 0.0000, 0.0000,
0.0000

■ 203.7420, 27.6900,
15.8020

■ 203.7420, 27.6900,
15.8020

■ 187.6020, 40.0680,
22.7560

■ 219.8820, 15.3120,
8.8480

■ 171.4620, 52.4460,
29.7100

■ 236.0220, 2.9340,
1.8940

■ 155.4360, 64.5030,
36.9750

■ 250.2870, -8.2980,
-3.8020

■ 139.2960, 76.8810,
43.9290

■ 250.5150, -8.9400,
-3.1800

■ 123.1560, 89.2590,
50.8830

■ 107.0160,
101.6370, 57.8370

■ 90.9900, 113.6940,
65.1020

■ 78.8280, 123.1380,
70.1620

Harmonies

Analogous

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



203.8960, 12.6970, 17.6970



203.7420, 27.6900, 15.8020



202.6470, 35.0270, 9.4830

Triad

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



203.7420, 27.6900, 15.8020



196.8520, 5.6880, -14.9840



194.6440, -39.9800, -2.3160

Complementary

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



203.7420, 27.6900, 15.8020



222.2580, -27.6900, -15.8020

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.



192.2920, -42.2250, -11.1930



203.7420, 27.6900, 15.8020



194.6200, -14.2100, -17.8100

Square

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



203.7420, 27.6900, 15.8020



199.3380, 22.0550, -8.7370



192.6920, -31.9080, -16.4520



199.1560, -26.5020, 6.7300

Rectangle

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



203.7420, 27.6900, 15.8020



201.7730, 34.4320, 3.7440



192.6920, -31.9080, -16.4520



193.8670, -42.2260, -5.6660

Sweetspot

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



203.7420, 27.6900, 15.8020



242.9520, 9.1230, 5.3710



204.1160, 6.5060, 25.2740



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.



203.7420, 27.6900, 15.8020



208.6830, 35.3460, 20.2260



209.7770, 28.6090, 4.6490



111.9300, 6.1890, 3.4770



60.4880, 94.2560, 53.9360



18.4540, 28.5610, 16.5370

Inverse Universe

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



203.7420, 27.6900, 15.8020



208.6830, 35.3460, 20.2260



216.2230, -28.6090, -4.6490



111.9300, 6.1890, 3.4770



60.4880, 94.2560, 53.9360



18.4540, 28.5610, 16.5370

Previews

White Background



This preview shows how the YIQ color 203.7420, 27.6900, 15.8020 looks on a white background.

Color Contrast Check

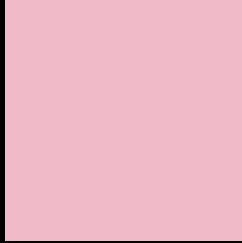
Large Text (above 18pt) WCAG AA × Fail

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 203.7420, 27.6900, 15.8020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

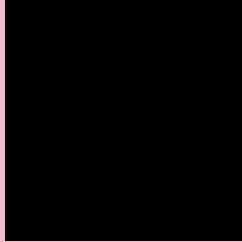
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 203.7420, 27.6900, 15.8020

Background



This preview shows how black text looks on a background with the YIQ color 203.7420, 27.6900, 15.8020.



This preview shows how white text looks on a background with the YIQ color 203.7420, 27.6900,

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

203.7420, 27.6900, 15.8020

Protanopia

200.9230, -1.1010, 3.4350

Deuteranopia

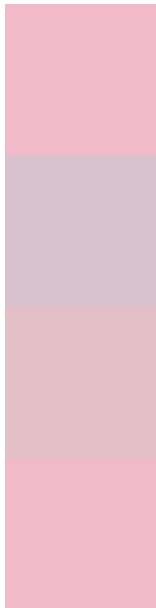
202.3440, 13.8910, 7.0670



Tritanopia

203.7420, 27.6900, 15.8020

Trichromacy



Original Color

203.7420, 27.6900, 15.8020

Protanomaly

201.8320, 9.5810, 8.0850

Deuteranomaly

202.6760, 18.8880, 10.1200

Tritanomaly

203.7420, 27.6900, 15.8020

Monochromacy



Original Color

203.7420, 27.6900, 15.8020

Achromatopsia

204.0000, -0.0000, -0.0000

Achromatomaly

203.6640, 9.9940, 6.1060

CSS Examples

Text

The CSS property to change the color of the text to YIQ 203.7420, 27.6900, 15.8020 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(240, 186, 200)` looks like.

```
.text, #text, p{  
    color:rgb(240, 186, 200)  
}
```

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(240, 186, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 186, 200) }
```

Border

The CSS property to change the border of an element to YIQ 203.7420, 27.6900, 15.8020 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(240, 186, 200) }
```


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

```
.border{ border-color:rgb(240, 186, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 186, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 186, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 186, 200);  
box-shadow:4px 4px 4px 4px rgb(240, 186,  
200) }
```

Background

The CSS property to change the background color of an element to YIQ 203.7420, 27.6900, 15.8020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 186, 200) }
```

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

```
.background{ background-color: rgb(240,  
186, 200) }
```

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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