

Converting Colors

YIQ(202.2420, 32.2740, 20.8340)

Have a look what the booklet for
YIQ(202.2420, 32.2740, 20.8340)
contains.

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Color

**YIQ(202.2420, 32.2740,
20.8340)**

Conversions

Conversions Part 1

Format	Color
Hex	F6B4CA
RGB	246, 180, 202
RGB Percent	96%, 71%, 79%
CMY	0.0351, 0.2942, 0.2077
CMYK	0.00, 0.27, 0.18, 0.04
HSL	340°, 79%, 84%
HSV	340°, 27%, 96%
XYZ	65.0010, 56.4977, 63.3739
YIQ	202.2420, 32.2740, 20.8340

Conversions

Conversions Part 2

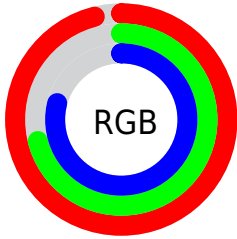
Format	Color
R _Y B	246, 180, 202
Decimal	16168138
CIE Lab	79.90, 27.17, -1.65
CIE LCh	80, 27.222, 356.530
Yxy	56.4977, 0.3516, 0.3056
Android (android.graphics.Color)	4294358218 (0xFFF6B4CA)
YUV	202.2420, -0.1193, 38.3758
Hunter-Lab	75.1649, 22.8243, 2.6262

Details

The YIQ color $202.2420, 32.2740, 20.8340$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $223.7580, -32.2740, -20.8340$, and the grayscale version is $202.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $243.8470, 5.2250, 9.9370$, and $147.9320, 30.2110, 19.6750$ is the 20% darker color. If you saturate the color by 10%, you get $185.7430, 44.2850, 28.9330$, and if you desaturate by 10%, it is $218.7410, 20.2630, 12.7350$.

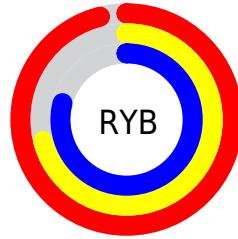
Distribution



Red (96%)

Green (71%)

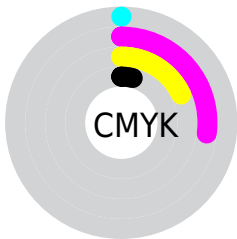
Blue (79%)



Red (96%)

Yellow (71%)

Blue (79%)

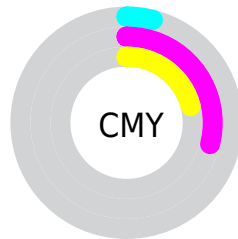


Cyan (0%)

Magenta (27%)

Yellow (18%)

Black (4%)



Cyan (4%)


Magenta (29%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 202.2420, 32.2740, 20.8340 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 202.2420, 32.2740, 20.8340 by changing the saturation by 10% instead.


 202.2420, 32.2740,
20.8340

 202.2420, 32.2740,
20.8340


255.0000, -0.0000,
-0.0000


 174.6440, 31.0820,
20.4100


 243.8470, 5.2250,
9.9370

 147.9320, 30.2110,
19.6750

 121.3340, 29.0190,
19.2510

 95.7360, 27.8270,
18.8270

 71.8390, 26.0390,
18.1910

 47.9420, 24.2510,
17.5550

 24.2840, 23.2880,

18.4880

■ 12.2310, 21.6390,
9.8230

■ 0.0000, 0.0000,
0.0000

■ 202.2420, 32.2740,
20.8340

■ 202.2420, 32.2740,
20.8340

■ 185.7430, 44.2850,
28.9330

■ 218.7410, 20.2630,
12.7350

■ 169.7170, 56.3420,
36.1980

■ 234.7670, 8.2060,
5.4700

■ 153.2180, 68.3530,
44.2970

■ 251.2660, -3.8050,
-2.6290

■ 137.1920, 80.4100,
51.5620

■ 252.3090, -5.3640,
-1.9080

■ 120.6930, 92.4210,
59.6610

■ 104.1940,
104.4320, 67.7600

■ 88.1680, 116.4890,
75.0250

■ 82.9020, 120.2940,
77.6540

Harmonies

Analogous

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



201.9440, 12.7420, 22.3900



202.2420, 32.2740, 20.8340



201.1750, 42.4080, 13.3840

Triad

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



202.2420, 32.2740, 20.8340



194.1960, 10.4110, -17.9810



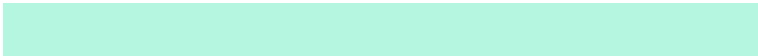
189.5220, -54.3760, -5.7360

Complementary

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



202.2420, 32.2740, 20.8340



223.7580, -32.2740, -20.8340

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.



186.6000, -55.0160, -16.1680



202.2420, 32.2740, 20.8340



190.9850, -13.9800, -21.9800

Square

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



202.2420, 32.2740, 20.8340



197.1170, 29.9870, -9.3170



187.8220, -38.3260, -21.2860



194.9960, -37.7350, 6.5610

Rectangle

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



202.2420, 32.2740, 20.8340



200.3180, 43.1430, 5.5670



187.8220, -38.3260, -21.2860



188.2180, -56.5760, -9.9200

Sweetspot

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



202.2420, 32.2740, 20.8340



241.6640, 9.9940, 6.1060



200.3810, 4.4420, 29.6420



119.3430, 6.4640, 4.0000



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.



202.2420, 32.2740, 20.8340



200.7100, 39.8840, 26.0920



205.6040, 36.5860, 8.7620



114.0440, 5.8680, 3.7880



62.6820, 90.9540, 58.7140



19.9210, 28.7440, 18.7280

Inverse Universe

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



202.2420, 32.2740, 20.8340



200.7100, 39.8840, 26.0920



220.3960, -36.5860, -8.7620



114.0440, 5.8680, 3.7880



62.6820, 90.9540, 58.7140



19.9210, 28.7440, 18.7280

Previews

White Background



This preview shows how the YIQ color 202.2420, 32.2740, 20.8340 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 202.2420, 32.2740, 20.8340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

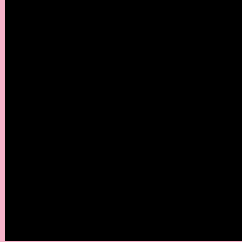
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 202.2420, 32.2740, 20.8340

Background



This preview shows how black text looks on a background with the YIQ color 202.2420, 32.2740, 20.8340.



This preview shows how white text looks on a background with the YIQ color 202.2420, 32.2740,

20.8340.

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

202.2420, 32.2740, 20.8340

Protanopia

199.0090, -4.2190, 4.8770

Deuteranopia

200.3870, 12.3320, 7.7880



Tritanopia

201.7320, 33.6500, 17.9220

Trichromacy



Original Color

202.2420, 32.2740, 20.8340

Protanomaly

200.1140, 8.8470, 10.3750

Deuteranomaly

201.4420, 19.6670, 12.5230

Tritanomaly

202.0740, 32.6870, 18.8550

Monochromacy



Original Color

202.2420, 32.2740, 20.8340

Achromatopsia

202.0000, -0.0000, 0.0000

Achromatomaly

202.0880, 11.7360, 7.5760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 202.2420, 32.2740, 20.8340 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(246, 180, 202)` looks like.

```
.text, #text, p{  
    color:rgb(246, 180, 202)  
}
```

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(246, 180, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 180, 202) }
```

Border

The CSS property to change the border of an element to YIQ 202.2420, 32.2740, 20.8340 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(246, 180, 202) }
```


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

```
.border{ border-color:rgb(246, 180, 202) }
```

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

Here you see how a box with a 4 pixel rgb(246, 180, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 180, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 180, 202);  
box-shadow:4px 4px 4px 4px rgb(246, 180,  
202) }
```

Background

The CSS property to change the background color of an element to YIQ 202.2420, 32.2740, 20.8340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 180, 202) }
```

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

```
.background{ background-color: rgb(246,  
180, 202) }
```

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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