

Converting Colors

YIQ(204.0210, 40.2060, 20.2540)

Have a look what the booklet for
YIQ(204.0210, 40.2060, 20.2540)
contains.

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Color

**YIQ(204.0210, 40.2060,
20.2540)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB4C2
RGB	255, 180, 194
RGB Percent	100%, 71%, 76%
CMY	0.0000, 0.2942, 0.2391
CMYK	0.00, 0.29, 0.24, 0.00
HSL	349°, 100%, 85%
HSV	349°, 29%, 100%
XYZ	67.2968, 57.7865, 58.6683
YIQ	204.0210, 40.2060, 20.2540

Conversions

Conversions Part 2

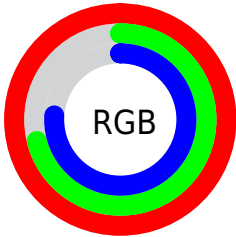
Format	Color
R _Y B	255, 180, 194
Decimal	16757954
CIE Lab	80.62, 29.18, 3.84
CIE LCh	81, 29.431, 7.497
Yxy	57.7865, 0.3662, 0.3145
Android (android.graphics.Color)	4294948034 (0xFFFFB4C2)
YUV	204.0210, -4.9404, 44.7086
Hunter-Lab	76.0175, 24.9920, 7.4538

Details

The YIQ color **204.0210, 40.2060, 20.2540** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **230.9790, -40.2060, -20.2540**, and the grayscale version is **204.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **243.2770, 6.8300, 8.3820**, and **149.5260, 37.2260, 19.1940** is the 20% darker color. If you saturate the color by 10%, you get **186.3650, 54.0970, 27.3210**, and if you desaturate by 10%, it is **221.0900, 26.5900, 13.7100**.

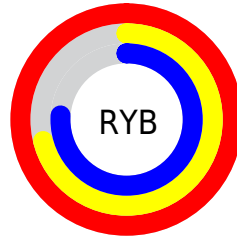
Distribution



Red (100%)

Green (71%)

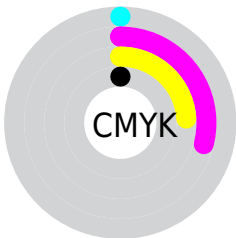
Blue (76%)



Red (100%)

Yellow (71%)

Blue (76%)

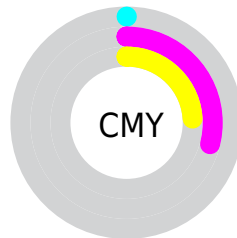


Cyan (0%)

Magenta (29%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (29%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 204.0210, 40.2060, 20.2540 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 204.0210, 40.2060, 20.2540 by changing the saturation by 10% instead.


 204.0210, 40.2060,
20.2540


 204.0210, 40.2060,
20.2540


255.0000, -0.0000,
-0.0000


 176.4230, 39.0140,
19.8300


 243.2770, 6.8300,
8.3820

 148.9390, 37.5010,
19.7170

 122.9280, 36.0340,
18.7700

 97.1450, 33.9250,
18.4450

 72.5470, 32.7330,
18.0210

 48.4650, 30.0280,
17.4840

 24.0350, 28.4230,

19.0390

■ 12.9710, 25.3070,
9.4270

■ 0.0000, 0.0000,
0.0000

■ 204.0210, 40.2060,
20.2540

■ 204.0210, 40.2060,
20.2540

■ 186.3650, 54.0970,
27.3210

■ 221.0900, 26.5900,
13.7100

■ 169.4100, 67.3920,
34.1760

■ 238.6320, 13.0200,
6.3320

■ 151.7540, 81.2830,
41.2430

255.0000, -0.0000,
-0.0000

■ 134.6850, 94.8990,
47.7870

■ 117.0290,
108.7900, 54.8540

■ 100.0740,
122.0850, 61.7090

■ 82.4180, 135.9760,
68.7760

■ 81.7170, 136.5720,
68.9880

Harmonies

Analogous

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



204.7880, 22.0490, 24.4250



204.0210, 40.2060, 20.2540



202.2200, 46.5350, 10.1750

Triad

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



204.0210, 40.2060, 20.2540



194.5970, 1.7920, -21.4720



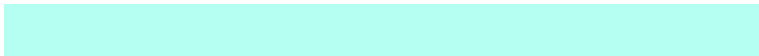
192.7440, -54.8810, -2.0890

Complementary

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



204.0210, 40.2060, 20.2540



230.9790, -40.2060, -20.2540

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.



187.4620, -63.3150, -14.4430



204.0210, 40.2060, 20.2540



191.0590, -25.9920, -24.5520

Square

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



204.0210, 40.2060, 20.2540



198.2040, 25.1280, -14.8720



187.9500, -50.4300, -22.1900



198.9800, -31.6380, 11.7060

Rectangle

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



204.0210, 40.2060, 20.2540



200.9820, 43.9690, 1.6090



187.9500, -50.4300, -22.1900



190.4720, -60.1070, -6.4990

Sweetspot

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



204.0210, 40.2060, 20.2540



239.3330, 12.4240, 6.1200



206.4900, 11.6850, 36.0450



117.8270, 7.9770, 4.1130



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.



204.0210, 40.2060, 20.2540



194.4350, 47.9080, 23.8440



215.3390, 38.6500, 4.3940



119.1150, 7.1060, 3.3780



61.2130, 102.2800, 51.6880



20.5040, 34.2920, 17.3000

Inverse Universe

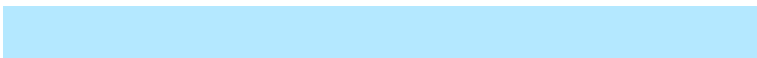
The Inverse Universe completely reimagines the original color for something new.



204.0210, 40.2060, 20.2540



194.4350, 47.9080, 23.8440



219.0740, -38.3750, -3.8710



119.1150, 7.1060, 3.3780



61.2130, 102.2800, 51.6880



20.5040, 34.2920, 17.3000

Previews

White Background



This preview shows how the YIQ color 204.0210, 40.2060, 20.2540 looks on a white background.

Color Contrast Check

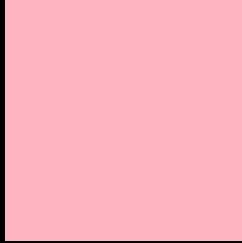
Large Text (above 18pt) WCAG AA × Fail

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 204.0210, 40.2060, 20.2540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

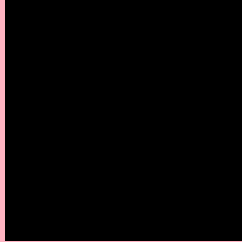
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 204.0210, 40.2060, 20.2540

Background



This preview shows how black text looks on a background with the YIQ color 204.0210, 40.2060, 20.2540.

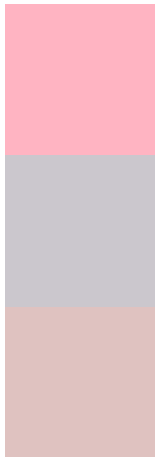


This preview shows how white text looks on a background with the YIQ color 204.0210, 40.2060,

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

204.0210, 40.2060, 20.2540

Protanopia

200.8800, 0.4580, 2.7140

Deuteranopia

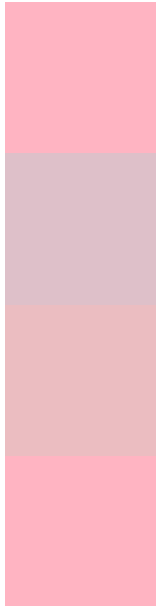
202.4430, 17.9260, 5.5260



Tritanopia

204.0210, 40.2060, 20.2540

Trichromacy



Original Color

204.0210, 40.2060, 20.2540

Protanomaly

201.9960, 14.9910, 9.1590

Deuteranomaly

203.2100, 26.1320, 10.9960

Tritanomaly

204.0210, 40.2060, 20.2540

Monochromacy



Original Color

204.0210, 40.2060, 20.2540

Achromatopsia

204.0000, -0.0000, -0.0000

Achromatomaly

203.9420, 15.0830, 7.4910

CSS Examples

Text

The CSS property to change the color of the text to YIQ 204.0210, 40.2060, 20.2540 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(255, 180, 194)` looks like.

```
.text, #text, p{  
    color:rgb(255, 180, 194)  
}
```

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(255, 180, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 180, 194) }
```

Border

The CSS property to change the border of an element to YIQ 204.0210, 40.2060, 20.2540 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(255, 180, 194) }
```


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

```
.border{ border-color:rgb(255, 180, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 180, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 180, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 180, 194);  
box-shadow:4px 4px 4px 4px rgb(255, 180,  
194) }
```

Background

The CSS property to change the background color of an element to YIQ 204.0210, 40.2060, 20.2540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 180, 194) }
```

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

```
.background{ background-color: rgb(255,  
180, 194) }
```

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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