

Converting Colors

YIQ(206.0270, 40.0690, 17.2290)

Have a look what the booklet for
YIQ(206.0270, 40.0690, 17.2290)
contains.

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Color

**YIQ(206.0270, 40.0690,
17.2290)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB8BF
RGB	255, 184, 191
RGB Percent	100%, 72%, 75%
CMY	0.0000, 0.2785, 0.2508
CMYK	0.00, 0.28, 0.25, 0.00
HSL	354°, 100%, 86%
HSV	354°, 28%, 100%
XYZ	67.7826, 59.2919, 57.1848
YIQ	206.0270, 40.0690, 17.2290

Conversions

Conversions Part 2

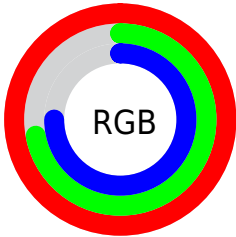
Format	Color
R _Y B	255, 184, 191
Decimal	16758975
CIE Lab	81.45, 26.66, 6.66
CIE LCh	81, 27.482, 14.019
Yxy	59.2919, 0.3679, 0.3218
Android (android.graphics.Color)	4294949055 (0xFFFFB8BF)
YUV	206.0270, -7.4083, 42.9493
Hunter-Lab	77.0012, 22.3777, 9.8693

Details

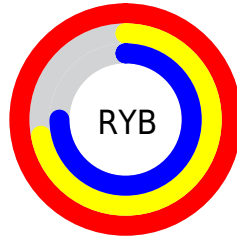
The YIQ color $206.0270, 40.0690, 17.2290$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $232.9730, -40.0690, -17.2290$, and the grayscale version is $206.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $245.2830, 6.6930, 5.3570$, and $150.9450, 37.3640, 16.6920$ is the 20% darker color. If you saturate the color by 10%, you get $188.1430, 54.6020, 23.6740$, and if you desaturate by 10%, it is $223.3240, 25.8110, 11.3070$.

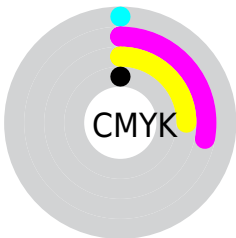
Distribution



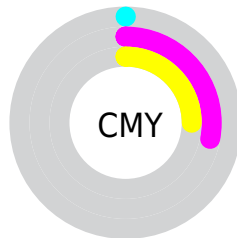
- Red (100%)
- Green (72%)
- Blue (75%)



- Red (100%)
- Yellow (72%)
- Blue (75%)



- Cyan (0%)
- Magenta (28%)
- Yellow (25%)
- Black (0%)





- Cyan (0%)
- Magenta (28%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 206.0270, 40.0690, 17.2290 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 206.0270, 40.0690, 17.2290 by changing the saturation by 10% instead.


 206.0270, 40.0690,
17.2290


 206.0270, 40.0690,
17.2290


255.0000, -0.0000,
-0.0000


 178.4290, 38.8770,
16.8050


 245.2830, 6.6930,
5.3570

 150.9450, 37.3640,
16.6920

 124.9340, 35.8970,
15.7450

 99.1510, 33.7880,
15.4200

 74.6670, 32.2750,
15.3070

 50.8840, 30.1660,
14.9820

 26.6280, 28.0110,

15.4910

■ 12.5580, 25.0320,
8.9040

■ 0.0000, 0.0000,
0.0000

■ 206.0270, 40.0690,
17.2290

■ 206.0270, 40.0690,
17.2290

■ 188.1430, 54.6020,
23.6740

■ 223.3240, 25.8110,
11.3070

■ 170.8460, 68.8600,
29.5960

■ 241.2080, 11.2780,
4.8620

■ 152.9620, 83.3930,
36.0410

255.0000, -0.0000,
-0.0000

■ 135.6650, 97.6510,
41.9630

■ 117.7810,
112.1840, 48.4080

■ 100.4840,
126.4420, 54.3300

■ 82.6000, 140.9750,
60.7750

■ 79.0950, 143.9550,
61.8350

Harmonies

Analogous

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



206.5880, 25.4880, 22.6720



206.0270, 40.0690, 17.2290



204.5570, 43.9680, 7.1360

Triad

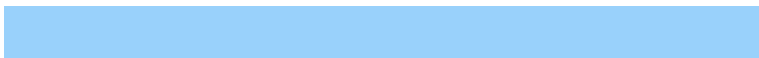
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



206.0270, 40.0690, 17.2290



197.0740, -3.9850, -21.4010



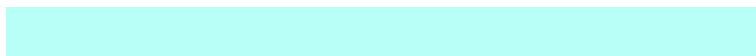
197.0440, -46.8580, 1.1900

Complementary

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



206.0270, 40.0690, 17.2290



232.9730, -40.0690, -17.2290

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.



192.0930, -57.7220, -11.1780



206.0270, 40.0690, 17.2290



193.2590, -29.4310, -22.7990

Square

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



206.0270, 40.0690, 17.2290



200.1540, 19.3970, -15.6350



190.9440, -50.2930, -19.1650



202.9270, -24.1190, 13.1050

Rectangle

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



206.0270, 40.0690, 17.2290



203.2480, 40.1640, -1.0200



190.9440, -50.2930, -19.1650



194.8860, -52.4050, -2.9090

Sweetspot

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



206.0270, 40.0690, 17.2290



241.2080, 11.2780, 4.8620



211.2300, 15.3530, 35.6490



119.0010, 7.4270, 3.0670



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.



206.0270, 40.0690, 17.2290



197.0280, 47.4960, 20.2960



221.6650, 34.6160, 0.4080



119.0010, 7.4270, 3.0670



59.2750, 107.7370, 46.4010



19.8200, 36.2180, 15.4340

Inverse Universe

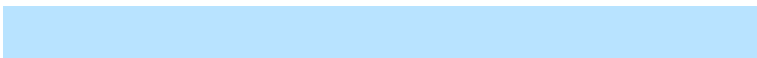
The Inverse Universe completely reimagines the original color for something new.



206.0270, 40.0690, 17.2290



197.0280, 47.4960, 20.2960



217.3350, -34.6160, -0.4080



119.0010, 7.4270, 3.0670



59.2750, 107.7370, 46.4010



19.8200, 36.2180, 15.4340

Previews

White Background



This preview shows how the YIQ color 206.0270, 40.0690, 17.2290 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 206.0270, 40.0690, 17.2290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

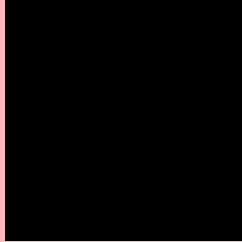
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 206.0270, 40.0690, 17.2290

Background



This preview shows how black text looks on a background with the YIQ color 206.0270, 40.0690, 17.2290.



This preview shows how white text looks on a background with the YIQ color 206.0270, 40.0690,

17.2290.

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

206.0270, 40.0690, 17.2290

Protanopia

203.3810, 3.3010, 0.7490

Deuteranopia

204.4710, 20.7230, 4.3950



Tritanopia

206.1240, 38.4180, 19.6180

Trichromacy



Original Color

206.0270, 40.0690, 17.2290

Protanomaly

203.8990, 16.6420, 6.7700

Deuteranomaly

205.2270, 27.4620, 8.9180

Tritanomaly

205.8960, 39.0600, 18.9960

Monochromacy



Original Color

206.0270, 40.0690, 17.2290

Achromatopsia

206.0000, -0.0000, 0.0000

Achromatomaly

206.1160, 14.5330, 6.4450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 206.0270, 40.0690, 17.2290 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, 184, 191)` looks like.

```
.text, #text, p{  
    color:rgb(255, 184, 191)  
}
```

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, 184, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 184, 191) }
```

Border

The CSS property to change the border of an element to YIQ 206.0270, 40.0690, 17.2290 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, 184, 191) }
```


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

```
.border{ border-color:rgb(255, 184, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 184, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 184, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 184, 191);  
box-shadow:4px 4px 4px 4px rgb(255, 184,  
191) }
```

Background

The CSS property to change the background color of an element to YIQ 206.0270, 40.0690, 17.2290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 184, 191) }
```

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

```
.background{ background-color: rgb(255,  
184, 191) }
```

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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