

Converting Colors

YIQ(183.6720, 60.2420, 20.5780)

Have a look what the booklet for
YIQ(183.6720, 60.2420, 20.5780)
contains.

YIQ(183.6720, 60.2420, 20.5780)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(183.6720, 60.2420,
20.5780)**

Conversions

Conversions Part 1

Format	Color
Hex	FE9A98
RGB	254, 154, 152
RGB Percent	100%, 60%, 60%
CMY	0.0037, 0.3962, 0.4037
CMYK	0.00, 0.39, 0.40, 0.00
HSL	1°, 98%, 80%
HSV	1°, 40%, 100%
XYZ	58.1163, 46.4486, 35.6345
YIQ	183.6720, 60.2420, 20.5780

Conversions

Conversions Part 2

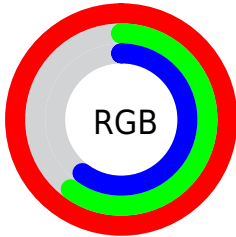
Format	Color
RYB	254, 154, 152
Decimal	16685720
CIELab	73.84, 37.16, 17.06
CIELCh	74, 40.889, 24.663
Yxy	46.4486, 0.4145, 0.3313
Android (android.graphics.Color)	4294875800 (0xFFFE9A98)
YUV	183.6720, -15.6143, 61.6777
Hunter-Lab	68.1532, 32.9444, 16.7069

Details

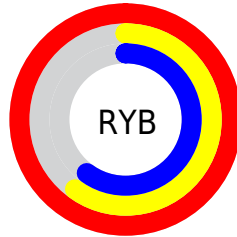
The YIQ color **183.6720, 60.2420, 20.5780** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **222.3280, -60.2420, -20.5780**, and the grayscale version is **184.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **222.4120, 28.3790, 8.8190**, and **128.8070, 55.4280, 19.7160** is the 20% darker color. If you saturate the color by 10%, you get **166.1470, 75.1420, 25.8780**, and if you desaturate by 10%, it is **201.1970, 45.3420, 15.2780**.

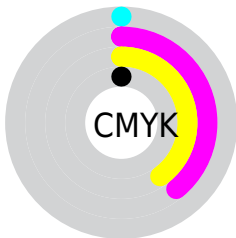
Distribution



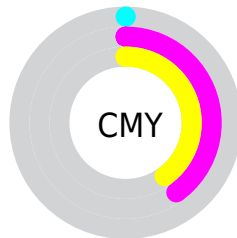
- Red (100%)
- Green (60%)
- Blue (60%)



- Red (100%)
- Yellow (60%)
- Blue (60%)



- Cyan (0%)
- Magenta (39%)
- Yellow (40%)
- Black (0%)




- Cyan (0%)
- Magenta (40%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 183.6720, 60.2420, 20.5780 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 183.6720, 60.2420, 20.5780 by changing the saturation by 10% instead.


 183.6720, 60.2420,
20.5780


 183.6720, 60.2420,
20.5780

255.0000, -0.0000,
-0.0000


 155.8890, 58.1330,
20.2530


 222.4120, 28.3790,
8.8190


 129.1060, 56.0240,
19.9280

 242.6270, 11.4160,
2.3600

 102.7250, 52.7230,
19.1790

 77.1700, 49.9720,
19.4760

 51.0280, 47.4960,
20.2960

 25.7720, 45.3410,
20.8050

 16.7440, 33.3760,

11.8720

■ 6.8770, 13.7080,
4.8760

■ 0.0000, 0.0000,
0.0000

■ 183.6720, 60.2420,
20.5780

■ 183.6720, 60.2420,
20.5780

■ 166.1470, 75.1420,
25.8780

■ 201.1970, 45.3420,
15.2780

■ 148.5080, 90.3630,
30.8670

■ 218.8360, 30.1210,
10.2890

■ 130.9830,
105.2630, 36.1670

■ 236.3610, 15.2210,
4.9890

■ 113.3440,
120.4840, 41.1560

■ 254.0000, -0.0000,
-0.0000

■ 95.8190, 135.3840, 254.7010, -0.5960,
46.4560 -0.2120

■ 78.8810, 150.0090,
51.2330

Harmonies

Analogous

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



185.9220, 45.3390, 31.8590



183.6720, 60.2420, 20.5780



181.8220, 59.0990, 2.7390

Triad

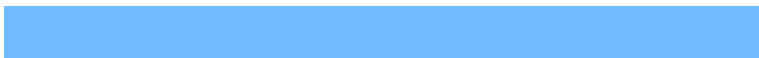
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



183.6720, 60.2420, 20.5780



170.1270, -20.6720, -32.8640



172.9250, -65.3360, 5.6720

Complementary

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



183.6720, 60.2420, 20.5780



222.3280, -60.2420, -20.5780

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.



153.4040, -110.1260, -19.6140



183.6720, 60.2420, 20.5780



161.0310, -64.3200, -34.7840

Square

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



183.6720, 60.2420, 20.5780



175.7370, 15.7770, -27.1270



142.0410, -123.0060, -39.5020



183.2620, -23.2040, 24.0600

Rectangle

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



183.6720, 60.2420, 20.5780



180.6540, 50.3440, -9.3040



142.0410, -123.0060, -39.5020



167.8690, -80.0980, -2.1300

Sweetspot

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



183.6720, 60.2420, 20.5780



233.8560, 18.2010, 6.0490



193.8980, 28.6920, 52.7240



115.3820, 10.7280, 3.8160



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.



183.6720, 60.2420, 20.5780



170.6520, 72.1620, 24.8180



213.6090, 46.2170, -6.0950



118.8870, 7.7480, 2.7560



59.4570, 112.7360, 38.4000



19.7230, 37.8690, 13.0450

Inverse Universe

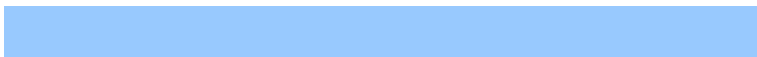
The Inverse Universe completely reimagines the original color for something new.



222.3280, -60.2420, -20.5780



217.3480, -72.1620, -24.8180



192.3910, -46.2170, 6.0950



123.5260, -7.4730, -2.2330



132.1300, -113.0110, -38.9230



44.2770, -37.8690, -13.0450

Previews

White Background



This preview shows how the YIQ color 183.6720, 60.2420, 20.5780 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 183.6720, 60.2420, 20.5780 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 183.6720, 60.2420, 20.5780

Background



This preview shows how black text looks on a background with the YIQ color 183.6720, 60.2420, 20.5780.



This preview shows how white text looks on a background with the YIQ color 183.6720, 60.2420,

20.5780.

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

183.6720, 60.2420, 20.5780

Protanopia

181.6820, 9.5830, -2.9690

Deuteranopia

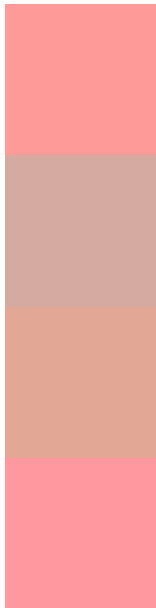
182.6860, 30.1230, -0.7650



Tritanopia

184.0510, 57.8570, 25.2570

Trichromacy



Original Color

183.6720, 60.2420, 20.5780

Protanomaly

182.4180, 28.2420, 5.7940

Deuteranomaly

182.8880, 41.5380, 7.1220

Tritanomaly

184.1820, 58.8660, 23.4900

Monochromacy



Original Color

183.6720, 60.2420, 20.5780

Achromatopsia

184.0000, 0.0000, -0.0000

Achromatomaly

183.6500, 21.7770, 7.3210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 183.6720, 60.2420, 20.5780 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(254, 154, 152)` looks like.

```
.text, #text, p{  
    color:rgb(254, 154, 152)  
}
```

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(254, 154, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 154, 152) }
```

Border

The CSS property to change the border of an element to YIQ 183.6720, 60.2420, 20.5780 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(254, 154, 152) }
```


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

```
.border{ border-color:rgb(254, 154, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 154, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 154, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 154, 152);  
box-shadow:4px 4px 4px 4px rgb(254, 154,  
152) }
```

Background

The CSS property to change the background color of an element to YIQ 183.6720, 60.2420, 20.5780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 154, 152) }
```

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

```
.background{ background-color: rgb(254,  
154, 152) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor