

Converting Colors

YIQ(170.6920, 57.4900, 26.4020)

Have a look what the booklet for
YIQ(170.6920, 57.4900, 26.4020)
contains.

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Color

**YIQ(170.6920, 57.4900,
26.4020)**

Conversions

Conversions Part 1

Format	Color
Hex	F28A98
RGB	242, 138, 152
RGB Percent	95%, 54%, 60%
CMY	0.0507, 0.4590, 0.4037
CMYK	0.00, 0.43, 0.37, 0.05
HSL	352°, 80%, 75%
HSV	352°, 43%, 95%
XYZ	51.3946, 39.3220, 34.6107
YIQ	170.6920, 57.4900, 26.4020

Conversions

Conversions Part 2

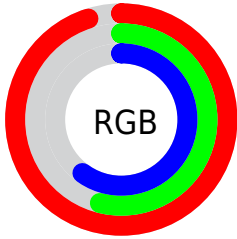
Format	Color
RYB	242, 138, 152
Decimal	15895192
CIELab	68.98, 41.04, 10.03
CIELCh	69, 42.244, 13.735
Yxy	39.3220, 0.4101, 0.3138
Android (android.graphics.Color)	4294085272 (0xFFFF28A98)
YUV	170.6920, -9.2152, 62.5371
Hunter-Lab	62.7073, 36.5601, 11.1706

Details

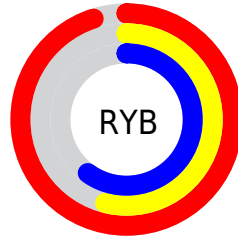
The YIQ color $170.6920, 57.4900, 26.4020$ is a light color, and the websafe version is hex $FF9999$. A complement of this color would be $209.3080, -57.4900, -26.4020$, and the grayscale version is $171.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $213.0200, 32.7790, 17.1870$, and $116.1260, 53.2720, 25.7520$ is the 20% darker color. If you saturate the color by 10%, you get $154.2100, 70.8310, 32.4230$, and if you desaturate by 10%, it is $187.1740, 44.1490, 20.3810$.

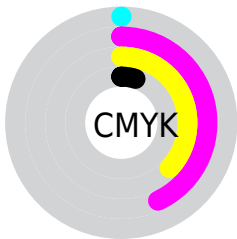
Distribution



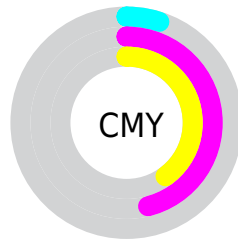
- Red (95%)
- Green (54%)
- Blue (60%)



- Red (95%)
- Yellow (54%)
- Blue (60%)



- Cyan (0%)
- Magenta (43%)
- Yellow (37%)
- Black (5%)





- Cyan (5%)
- Magenta (46%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 170.6920, 57.4900, 26.4020 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 170.6920, 57.4900, 26.4020 by changing the saturation by 10% instead.


 170.6920, 57.4900,
26.4020


 170.6920, 57.4900,
26.4020


255.0000, -0.0000,
-0.0000


 142.9090, 55.3810,
26.0770


 213.0200, 32.7790,
17.1870


 116.1260, 53.2720,
25.7520


 232.6480, 16.0910,
11.2510

 90.0440, 50.5670,
25.2150

 252.0650, 1.3750,
2.6150

 63.9020, 48.0910,
26.0350

 33.7650, 47.2190,
30.8270

 22.4830, 38.7850,
18.4730

 14.5800, 27.9660,

10.7980

■ 0.0000, 0.0000,
0.0000

■ 170.6920, 57.4900,
26.4020

■ 170.6920, 57.4900,
26.4020

■ 154.2100, 70.8310,
32.4230

■ 187.1740, 44.1490,
20.3810

■ 137.7280, 84.1720,
38.4440

■ 203.6560, 30.8080,
14.3600

■ 120.6590, 97.7880,
44.9880


■ 220.7250, 17.1920,
7.8160

■ 104.1770,
111.1290, 51.0090

■ 237.2070, 3.8510,
1.7950

■ 87.6950, 124.4700,
57.0300

■ 251.1130, -7.7480,
-2.7560

 76.1200, 133.6390,
61.5670

Harmonies

Analogous

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



172.4250, 36.6730, 34.7290



170.6920, 57.4900, 26.4020



169.0060, 61.7570, 9.6370

Triad

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



170.6920, 57.4900, 26.4020



158.7820, -6.4590, -31.6350



150.4980, -89.3590, -4.9990

Complementary

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



170.6920, 57.4900, 26.4020



209.3080, -57.4900, -26.4020

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.



134.2620, -121.7700, -28.8580



170.6920, 57.4900, 26.4020



150.6320, -50.0150, -35.2230

Square

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



170.6920, 57.4900, 26.4020



163.7770, 27.4680, -24.2440



131.4460, -111.0850, -40.7890



166.8900, -39.8920, 18.1240

Rectangle

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



170.6920, 57.4900, 26.4020



167.5780, 56.6700, -2.8020



131.4460, -111.0850, -40.7890



137.9350, -115.9950, -17.8750

Sweetspot

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



170.6920, 57.4900, 26.4020



232.3230, 18.3840, 8.2400



176.1680, 19.0640, 51.0000



113.6210, 11.5530, 5.3850



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.



170.6920, 57.4900, 26.4020



163.8190, 73.4900, 33.7940



190.2280, 52.0840, 3.2200



111.7020, 6.8310, 2.8550



57.8660, 101.6390, 46.7830



17.6560, 30.8080, 14.3600

Inverse Universe

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



170.6920, 57.4900, 26.4020



163.8190, 73.4900, 33.7940



189.7720, -52.0840, -3.2200



111.7020, 6.8310, 2.8550



57.8660, 101.6390, 46.7830



17.6560, 30.8080, 14.3600

Previews

White Background



This preview shows how the YIQ color 170.6920, 57.4900, 26.4020 looks on a white background.

Color Contrast Check

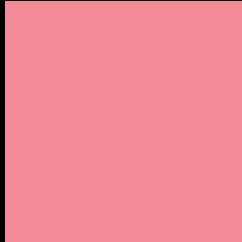
Large Text (above 18pt) WCAG AA × Fail

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 170.6920, 57.4900, 26.4020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

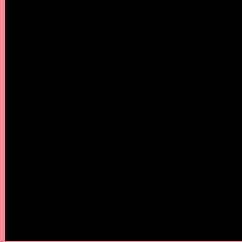
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 170.6920, 57.4900, 26.4020

Background



This preview shows how black text looks on a background with the YIQ color 170.6920, 57.4900, 26.4020.



This preview shows how white text looks on a background with the YIQ color 170.6920, 57.4900,

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

170.6920, 57.4900, 26.4020

Protanopia

169.1960, 2.3840, 0.8480

Deuteranopia

170.2600, 22.6950, 1.6950



Tritanopia

170.9370, 58.1780, 24.9460

Trichromacy



Original Color

170.6920, 57.4900, 26.4020



Protanomaly

169.5300, 22.2350, 10.0350



Deuteranomaly

170.4730, 35.5770, 10.5290



Tritanomaly

171.0510, 57.8570, 25.2570

Monochromacy



Original Color

170.6920, 57.4900, 26.4020



Achromatopsia

171.0000, -0.0000, -0.0000



Achromatomaly

170.9320, 21.0430, 9.6110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 170.6920, 57.4900, 26.4020 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(242, 138, 152)` looks like.

```
.text, #text, p{  
    color:rgb(242, 138, 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(242, 138, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 138, 152) }
```

Border

The CSS property to change the border of an element to YIQ 170.6920, 57.4900, 26.4020 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(242, 138, 152) }
```


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

```
.border{ border-color:rgb(242, 138, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 138, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 138, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 138, 152);  
box-shadow:4px 4px 4px 4px rgb(242, 138,  
152) }
```

Background

The CSS property to change the background color of an element to YIQ 170.6920, 57.4900, 26.4020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 138, 152) }
```

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

```
.background{ background-color: rgb(242,  
138, 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](#).

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