

Converting Colors

YIQ(45.9170, 17.3720, 26.5880)

Have a look what the booklet for
YIQ(45.9170, 17.3720, 26.5880)
contains.

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Color

**YIQ(45.9170, 17.3720,
26.5880)**

Conversions

Conversions Part 1

Format	Color
Hex	4F1848
RGB	79, 24, 72
RGB Percent	31%, 9%, 28%
CMY	0.6900, 0.9060, 0.7176
CMYK	0.00, 0.70, 0.09, 0.69
HSL	308°, 53%, 20%
HSV	308°, 70%, 31%
XYZ	4.7240, 2.7843, 6.4207
YIQ	45.9170, 17.3720, 26.5880

Conversions

Conversions Part 2

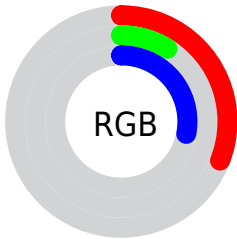
Format	Color
RYB	79, 24, 72
Decimal	5183560
CIELab	19.16, 32.29, -17.23
CIELCh	19, 36.597, 331.917
Yxy	2.7843, 0.3391, 0.1999
Android (android.graphics.Color)	4283373640 (0xFF4F1848)
YUV	45.9170, 12.8589, 29.0138
Hunter-Lab	16.6863, 21.3333, -11.1338

Details

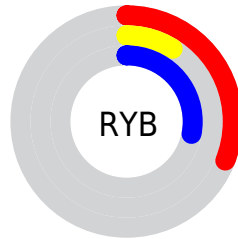
The YIQ color **45.9170, 17.3720, 26.5880** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **57.0830, -17.3720, -26.5880**, and the grayscale version is **46.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **94.9280, 18.8390, 27.5350**, and **13.7710, 11.5510, 16.4390** is the 20% darker color. If you saturate the color by 10%, you get **41.1070, 19.8930, 30.4610**, and if you desaturate by 10%, it is **50.7270, 14.8510, 22.7150**.

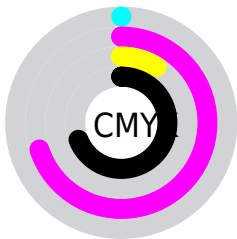
Distribution



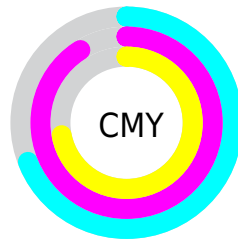
- Red (31%)
- Green (9%)
- Blue (28%)



- Red (31%)
- Yellow (9%)
- Blue (28%)



- Cyan (0%)
- Magenta (70%)
- Yellow (9%)
- Black (69%)



- Cyan (69%)
- Magenta (91%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 45.9170, 17.3720, 26.5880 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 45.9170, 17.3720, 26.5880 by changing the saturation by 10% instead.

■ 45.9170, 17.3720,
26.5880

■ 45.9170, 17.3720,
26.5880

■ 255.0000, -0.0000,
-0.0000

■ 22.0310, 17.0510,
26.8990

■ 94.9280, 18.8390,
27.5350

■ 13.7710, 11.5510,
16.4390

■ 120.6400, 19.7100,
28.2700

■ 0.0000, 0.0000,
0.0000

■ 146.3520, 20.5810,
29.0050

■ 173.1780, 21.1310,
30.0510

■ 200.8900, 22.0020,
30.7860

■ 224.4760, 14.3000,

27.1960

241.4990, 6.3250,
12.0290

45.9170, 17.3720,
26.5880

45.9170, 17.3720,
26.5880

41.1070, 19.8930,
30.4610

50.7270, 14.8510,
22.7150

36.2970, 22.4140,
34.3340

55.5370, 12.3300,
18.8420

31.4870, 24.9350,
38.2070

60.3470, 9.8090,
14.9690

65.1570, 7.2880,
11.0960

69.9670, 4.7670,
7.2230

■ 74.1900, 2.5210,
3.8730

■ 79.0000, -0.0000,
0.0000

■ 83.8100, -2.5210,
-3.8730

■ 88.6200, -5.0420,
-7.7460

Harmonies

Analogous

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



46.8470, -11.9700, 18.7020



45.9170, 17.3720, 26.5880



40.9700, 36.2160, 26.4880

Triad

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



45.9170, 17.3720, 26.5880



44.0450, 21.3220, -11.9740



42.4820, -39.7040, -7.3200

Complementary

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



45.9170, 17.3720, 26.5880



57.0830, -17.3720, -26.5880

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.



39.5180, -31.3580, -15.4060



45.9170, 17.3720, 26.5880



40.3800, 3.9010, -21.1470

Square

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



45.9170, 17.3720, 26.5880



43.8670, 36.8630, -1.7690



35.1520, -21.8200, -23.0680



43.5880, -45.5740, -0.0540

Rectangle

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



45.9170, 17.3720, 26.5880



40.6790, 41.1690, 19.3210



35.1520, -21.8200, -23.0680



41.5700, -37.1360, -9.8080

Sweetspot

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



45.9170, 17.3720, 26.5880



89.3310, 6.7380, 10.0500



32.0640, -14.0790, 18.3770



43.1410, 4.2170, 6.1770



179.0000, -0.0000, -0.0000



51.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



45.9170, 17.3720, 26.5880



50.2640, 27.1810, 41.5570



42.8390, 26.0390, 18.1910



35.6520, 1.1000, 2.0920



40.6440, 32.2230, 49.3030



91.5700, 72.8800, 110.9600

Inverse Universe

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



45.9170, 17.3720, 26.5880



50.2640, 27.1810, 41.5570



60.1610, -26.0390, -18.1910



35.6520, 1.1000, 2.0920



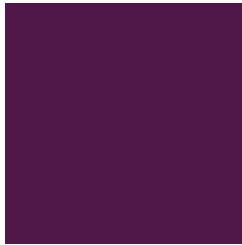
40.6440, 32.2230, 49.3030



91.5700, 72.8800, 110.9600

Previews

White Background



This preview shows how the YIQ color 45.9170, 17.3720, 26.5880 looks on a white background.

Color Contrast Check

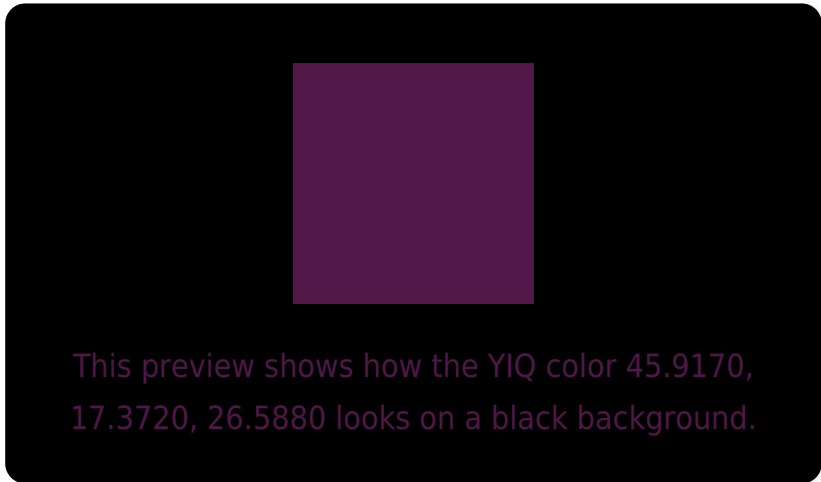
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

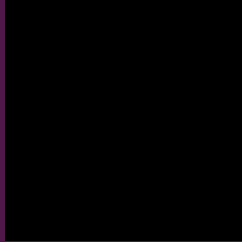
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 45.9170, 17.3720, 26.5880

Background



This preview shows how black text looks on a background with the YIQ color 45.9170, 17.3720, 26.5880.



This preview shows how white text looks on a background with the YIQ color 45.9170, 17.3720,

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

45.9170, 17.3720, 26.5880

Protanopia

44.0680, -29.0700, 9.2180

Deuteranopia

47.3010, -10.9130, 5.0470



Tritanopia

47.1880, 23.1980, 9.1020

Trichromacy



Original Color

45.9170, 17.3720, 26.5880

Protanomaly

44.8530, -12.1070, 15.6770

Deuteranomaly

46.9050, -0.6900, 12.5100

Tritanomaly

46.6210, 20.7210, 15.4490

Monochromacy



Original Color

45.9170, 17.3720, 26.5880

Achromatopsia

46.0000, 0.0000, -0.0000

Achromatomaly

45.9180, 6.4630, 9.5270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 45.9170, 17.3720, 26.5880 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(79, 24, 72)` looks like.

```
.text, #text, p{  
    color:rgb(79, 24, 72)  
}
```

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(79, 24, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 24, 72) }
```

Border

The CSS property to change the border of an element to YIQ 45.9170, 17.3720, 26.5880 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(79, 24, 72) }
```


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

```
.border{ border-color:rgb(79, 24, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 24, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 24, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 24, 72);  
box-shadow:4px 4px 4px 4px rgb(79, 24, 72)  
}
```

Background

The CSS property to change the background color of an element to YIQ 45.9170, 17.3720, 26.5880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 24, 72) }
```

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

```
.background{ background-color: rgb(79, 24,  
72) }
```

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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