

Converting Colors

YIQ(117.1540, 56.0690, 24.6210)

Have a look what the booklet for
YIQ(117.1540, 56.0690, 24.6210)
contains.

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Color

**YIQ(117.1540, 56.0690,
24.6210)**

Conversions

Conversions Part 1

Format	Color
Hex	BA5661
RGB	186, 86, 97
RGB Percent	73%, 34%, 38%
CMY	0.2703, 0.6629, 0.6194
CMYK	0.00, 0.54, 0.48, 0.27
HSL	353°, 42%, 53%
HSV	353°, 54%, 73%
XYZ	25.7495, 17.9599, 13.4321
YIQ	117.1540, 56.0690, 24.6210

Conversions

Conversions Part 2

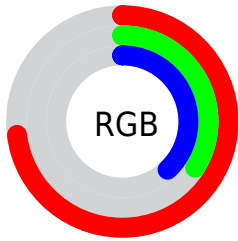
Format	Color
R_{YB}	186, 86, 97
Decimal	12211809
CIE _{Lab}	49.45, 41.43, 13.28
CIE _{LCh}	49, 43.504, 17.772
Yxy	17.9599, 0.4506, 0.3143
Android (android.graphics.Color)	4290401889 (0xFFBA5661)
YUV	117.1540, -9.9359, 60.3779
Hunter-Lab	42.3791, 34.2931, 10.8734

Details

The YIQ color **117.1540, 56.0690, 24.6210** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **154.8460, -56.0690, -24.6210**, and the grayscale version is **117.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **171.6060, 60.6080, 24.9600**, and **64.3430, 51.1630, 25.4270** is the 20% darker color. If you saturate the color by 10%, you get **104.1770, 66.4300, 29.5820**, and if you desaturate by 10%, it is **130.2450, 45.3870, 19.9710**.

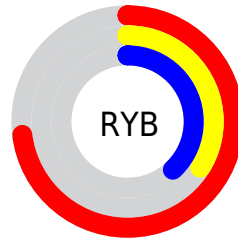
Distribution



Red (73%)

Green (34%)

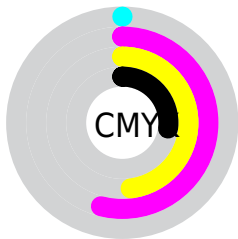
Blue (38%)



Red (73%)

Yellow (34%)

Blue (38%)

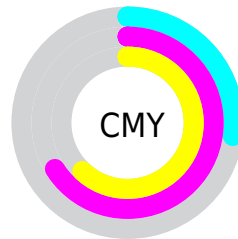


Cyan (0%)

Magenta (54%)

Yellow (48%)

Black (27%)



Cyan (27%)


Magenta (66%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 117.1540, 56.0690, 24.6210 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 117.1540, 56.0690, 24.6210 by changing the saturation by 10% instead.


 117.1540, 56.0690,
24.6210


 117.1540, 56.0690,
24.6210


255.0000, -0.0000,
-0.0000


 90.4850, 53.6390,
24.6070


 171.7200, 60.2870,
25.2710

 64.3430, 51.1630,
25.4270


 193.5230, 50.4760,
21.3560


 34.2060, 50.2910,
30.2190

 213.0370, 34.1090,
15.1090

 22.6960, 42.4990,
17.2430

 232.7790, 17.1000,
9.4840

 14.8790, 28.5620,
11.0100

 252.6520, 1.1000,
2.0920

 0.0000, 0.0000,
0.0000

■ 117.1540, 56.0690,
24.6210

■ 117.1540, 56.0690,
24.6210

■ 104.1770, 66.4300,
29.5820

■ 130.2450, 45.3870,
19.9710

■ 91.6730, 76.8370,
33.7090

■ 142.6350, 35.3010,
15.5330

■ 78.5820, 87.5190,
38.3590

■ 155.7260, 24.6190,
10.8830

■ 66.1920, 97.6050,
42.7970

■ 168.1160, 14.5330,
6.4450

■ 58.0080, 104.1150,
45.9630


■ 181.2070, 3.8510,
1.7950

■ 194.1840, -6.5100,
-3.1660

■ 206.6880,
-16.9170, -7.2930

■ 219.6650,

-27.2780, -12.2540

 232.1690,
-37.6850, -16.3810

Harmonies

Analogous

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



119.5670, 39.1490, 33.9090



117.1540, 56.0690, 24.6210



116.2720, 57.9520, 7.0080

Triad

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



117.1540, 56.0690, 24.6210



106.5470, -13.1070, -32.2990



95.5080, -95.3190, -7.1190

Complementary

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



117.1540, 56.0690, 24.6210



154.8460, -56.0690, -24.6210

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.



97.5650, -91.4660, -16.3780



117.1540, 56.0690, 24.6210



90.7590, -69.5460, -39.1940

Square

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



117.1540, 56.0690, 24.6210



111.4990, 22.3790, -25.6290



95.6780, -82.0190, -27.8990



116.1570, -36.2700, 18.5620

Rectangle

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



117.1540, 56.0690, 24.6210



115.5340, 50.8020, -6.5900



95.6780, -82.0190, -27.8990



96.8130, -94.8600, -9.9320

Sweetspot

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



117.1540, 56.0690, 24.6210



215.2310, 21.6390, 9.8230



123.7120, 20.3480, 49.7560



106.2190, 12.7450, 5.8090



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



117.1540, 56.0690, 24.6210



133.8810, 88.1150, 38.5710



138.2060, 49.1500, 1.3260



85.8050, 5.0430, 2.2190



48.5820, 87.5190, 38.3590



8.7140, 15.7250, 6.8690

Inverse Universe

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



117.1540, 56.0690, 24.6210



133.8810, 88.1150, 38.5710



133.7940, -49.1500, -1.3260



85.8050, 5.0430, 2.2190



48.5820, 87.5190, 38.3590



8.7140, 15.7250, 6.8690

Previews

White Background



This preview shows how the YIQ color 117.1540, 56.0690, 24.6210 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 × Fail

Black Background



This preview shows how the YIQ color 117.1540, 56.0690, 24.6210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

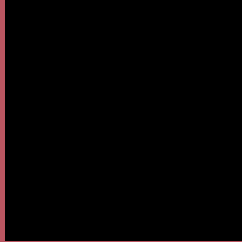
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 117.1540, 56.0690, 24.6210

Background



This preview shows how black text looks on a background with the YIQ color 117.1540, 56.0690, 24.6210.



This preview shows how white text looks on a background with the YIQ color 117.1540, 56.0690,

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

117.1540, 56.0690, 24.6210

Protanopia

118.3270, 3.3930, -0.9190

Deuteranopia

118.1950, 21.3200, -0.9200



Tritanopia

117.2850, 57.0780, 22.8540

Trichromacy



Original Color

117.1540, 56.0690, 24.6210

Protanomaly

117.7750, 22.9230, 8.5790

Deuteranomaly

117.5220, 33.8810, 8.2250

Tritanomaly

117.3990, 56.7570, 23.1650

Monochromacy



Original Color

117.1540, 56.0690, 24.6210

Achromatopsia

117.0000, -0.0000, 0.0000

Achromatomaly

117.2200, 20.1720, 8.8760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 117.1540, 56.0690, 24.6210 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(186, 86, 97)` looks like.

```
.text, #text, p{  
    color:rgb(186, 86, 97)  
}
```

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(186, 86, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 86, 97) }
```

Border

The CSS property to change the border of an element to YIQ 117.1540, 56.0690, 24.6210 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(186, 86, 97) }
```


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

```
.border{ border-color:rgb(186, 86, 97) }
```

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

Here you see how a box with a 4 pixel rgb(186, 86, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 86, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 86, 97);  
box-shadow:4px 4px 4px 4px rgb(186, 86,  
97) }
```

Background

The CSS property to change the background color of an element to YIQ 117.1540, 56.0690, 24.6210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 86, 97) }
```

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

```
.background{ background-color: rgb(186, 86,  
97) }
```

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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