

Converting Colors

YIQ(123.7170, 64.3690, 17.3690)

Have a look what the booklet for
YIQ(123.7170, 64.3690, 17.3690)
contains.

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Color

**YIQ(123.7170, 64.3690,
17.3690)**

Conversions

Conversions Part 1

Format	Color
Hex	C45F52
RGB	196, 95, 82
RGB Percent	77%, 37%, 32%
CMY	0.2311, 0.6276, 0.6782
CMYK	0.00, 0.52, 0.58, 0.23
HSL	7°, 49%, 55%
HSV	7°, 58%, 77%
XYZ	28.3943, 20.5307, 10.4624
YIQ	123.7170, 64.3690, 17.3690

Conversions

Conversions Part 2

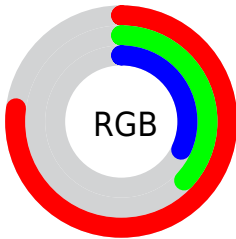
Format	Color
R_{YB}	196, 97, 82
Decimal	12869458
CIE _{Lab}	52.43, 39.28, 26.38
CIE _{LCh}	52, 47.318, 33.885
Yxy	20.5307, 0.4781, 0.3457
Android (android.graphics.Color)	4291059538 (0xFFC45F52)
YUV	123.7170, -20.5665, 63.3922
Hunter-Lab	45.3108, 32.5642, 18.0273

Details

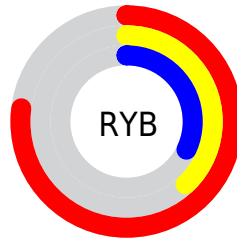
The YIQ color **123.7170, 64.3690, 17.3690** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **154.2830, -64.3690, -17.3690**, and the grayscale version is **124.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **178.1690, 68.9080, 17.7080**, and **71.0090, 57.6750, 17.5390** is the 20% darker color. If you saturate the color by 10%, you get **111.4580, 75.4640, 20.0400**, and if you desaturate by 10%, it is **135.9760, 53.2740, 14.6980**.

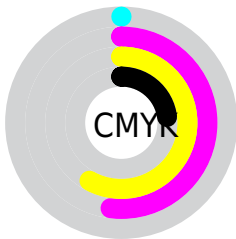
Distribution



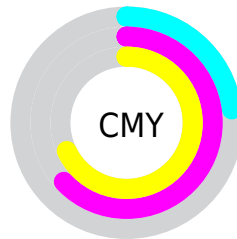
- Red (77%)
- Green (37%)
- Blue (32%)



- Red (77%)
- Yellow (38%)
- Blue (32%)



- Cyan (0%)
- Magenta (52%)
- Yellow (58%)
- Black (23%)





- Cyan (23%)
- Magenta (63%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 123.7170, 64.3690, 17.3690 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 123.7170, 64.3690, 17.3690 by changing the saturation by 10% instead.


 123.7170, 64.3690,
17.3690


 123.7170, 64.3690,
17.3690


255.0000, -0.0000,
-0.0000


 96.8630, 61.0220,
17.4540


 178.1690, 68.9080,
17.7080


 71.0090, 57.6750,
17.5390


 196.9820, 53.1370,
11.6730

 43.8070, 55.4280,
19.7160


 216.4960, 36.7700,
5.4260

 24.2190, 48.2760,
17.1720

 236.7110, 19.8070,
-1.0330

 16.2600, 31.8630,
11.7590

 253.4040, 4.4940,
-4.3540

 4.7840, 9.5360,
3.3920

 0.0000, 0.0000,

0.0000

■ 123.7170, 64.3690,
17.3690

■ 123.7170, 64.3690,
17.3690

■ 111.4580, 75.4640,
20.0400

■ 135.9760, 53.2740,
14.6980

■ 98.7260, 86.5130,
23.5450

■ 148.7080, 42.2250,
11.1930

■ 86.4670, 97.6080,
26.2160

■ 160.9670, 31.1300,
8.5220

■ 73.7350, 108.6570,
29.7210

■ 173.6990, 20.0810,
5.0170

■ 71.5180, 110.7660,
30.0460

■ 185.9580, 8.9860,
2.3460

■ 198.2170, -2.1090,
-0.3250

■ 210.9490,
-13.1580, -3.8300

■ 223.2080,
-24.2530, -6.5010

■ 235.0110,
-34.0640, -10.4160

Harmonies

Analogous

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



124.9510, 55.5630, 33.7950



123.7170, 64.3690, 17.3690



122.7090, 57.6790, -4.5690

Triad

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



123.7170, 64.3690, 17.3690



104.4490, -45.2460, -39.0540



113.5700, -71.5260, 7.7220

Complementary

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



123.7170, 64.3690, 17.3690



154.2830, -64.3690, -17.3690

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.



104.0510, -101.4620, -11.4300



123.7170, 64.3690, 17.3690



99.8210, -81.2840, -35.7160

Square

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



123.7170, 64.3690, 17.3690



115.8880, 4.8660, -33.1340



103.7940, -93.8490, -22.7530



127.8120, -12.8890, 29.8550

Rectangle

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



123.7170, 64.3690, 17.3690



121.3450, 46.5400, -17.4600



103.7940, -93.8490, -22.7530



100.9680, -102.4260, -4.9700

Sweetspot

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



123.7170, 64.3690, 17.3690



227.7920, 24.2530, 6.5010



127.8280, 34.8810, 56.2010



111.5350, 14.6710, 3.9430



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.



123.7170, 64.3690, 17.3690



141.9620, 100.5880, 27.2760



156.0020, 49.2440, -11.3960



90.5770, 5.6850, 1.5970



58.7050, 91.0060, 24.7180



12.2150, 18.5680, 4.9040

Inverse Universe

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



154.2830, -64.3690, -17.3690



190.0380, -100.5880, -27.2760



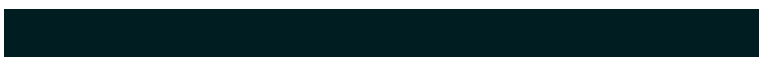
121.9980, -49.2440, 11.3960



93.4230, -5.6850, -1.5970



101.7080, -90.7310, -24.1950



20.7850, -18.5680, -4.9040

Previews

White Background



This preview shows how the YIQ color 123.7170, 64.3690, 17.3690 looks on a white background.

Color Contrast Check

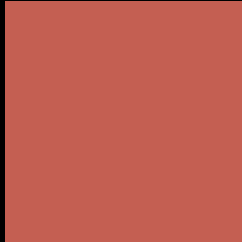
Large Text (above 18pt) WCAG AA ✓ Pass

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 123.7170, 64.3690, 17.3690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

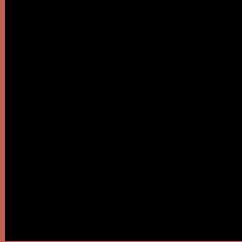
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 123.7170, 64.3690, 17.3690

Background



This preview shows how black text looks on a background with the YIQ color 123.7170, 64.3690, 17.3690.



This preview shows how white text looks on a background with the YIQ color 123.7170, 64.3690,

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

123.7170, 64.3690, 17.3690

Protanopia

124.2710, 14.9940, -7.4220

Deuteranopia

124.7800, 32.5540, -6.2780



Tritanopia

124.7800, 60.0580, 23.9140

Trichromacy



Original Color

123.7170, 64.3690, 17.3690

Protanomaly

124.1210, 33.3320, 1.6520

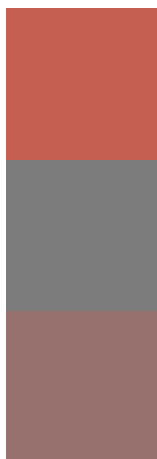
Deuteranomaly

124.3950, 44.2440, 2.1320

Tritanomaly

124.6830, 61.7090, 21.5250

Monochromacy



Original Color

123.7170, 64.3690, 17.3690

Achromatopsia

124.0000, -0.0000, -0.0000

Achromatomaly

123.6070, 23.3360, 6.6000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 123.7170, 64.3690, 17.3690 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(196, 95, 82)` looks like.

```
.text, #text, p{  
    color:rgb(196, 95, 82)  
}
```

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(196, 95, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 95, 82) }
```

Border

The CSS property to change the border of an element to YIQ 123.7170, 64.3690, 17.3690 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(196, 95, 82) }
```


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

```
.border{ border-color:rgb(196, 95, 82) }
```

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

Here you see how a box with a 4 pixel rgb(196, 95, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 95, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 95, 82);  
box-shadow:4px 4px 4px 4px rgb(196, 95,  
82) }
```

Background

The CSS property to change the background color of an element to YIQ 123.7170, 64.3690, 17.3690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 95, 82) }
```

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

```
.background{ background-color: rgb(196, 95,  
82) }
```

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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