

Converting Colors

YIQ(110.9050, 52.0360, 15.1080)

Have a look what the booklet for
YIQ(110.9050, 52.0360, 15.1080)
contains.

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Color

**YIQ(110.9050, 52.0360,
15.1080)**

Conversions

Conversions Part 1

Format	Color
Hex	AA574F
RGB	170, 87, 79
RGB Percent	67%, 34%, 31%
CMY	0.3331, 0.6589, 0.6900
CMYK	0.00, 0.49, 0.54, 0.33
HSL	5°, 37%, 49%
HSV	5°, 54%, 67%
XYZ	21.4068, 15.9276, 9.3536
YIQ	110.9050, 52.0360, 15.1080

Conversions

Conversions Part 2

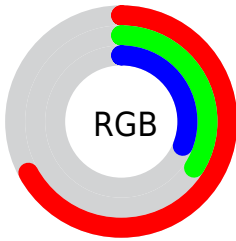
Format	Color
R _Y B	170, 88, 79
Decimal	11163471
CIE Lab	46.88, 33.18, 20.17
CIE LCh	47, 38.826, 31.290
Yxy	15.9276, 0.4585, 0.3411
Android (android.graphics.Color)	4289353551 (0xFFAA574F)
YUV	110.9050, -15.7292, 51.8263
Hunter-Lab	39.9093, 25.9035, 14.0407

Details

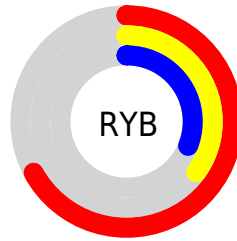
The YIQ color **110.9050, 52.0360, 15.1080** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **138.0950, -52.0360, -15.1080**, and the grayscale version is **111.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **164.6560, 57.1710, 15.6590**, and **60.3820, 46.2590, 15.1790** is the 20% darker color. If you saturate the color by 10%, you get **99.5750, 61.8930, 18.1890**, and if you desaturate by 10%, it is **121.6480, 42.4540, 12.5500**.

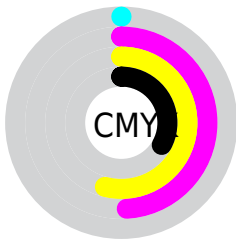
Distribution



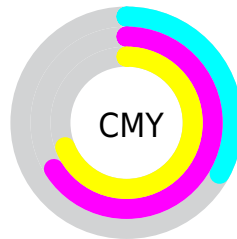
- Red (67%)
- Green (34%)
- Blue (31%)



- Red (67%)
- Yellow (35%)
- Blue (31%)



- Cyan (0%)
- Magenta (49%)
- Yellow (54%)
- Black (33%)





- Cyan (33%)
- Magenta (66%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 110.9050, 52.0360, 15.1080 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 110.9050, 52.0360, 15.1080 by changing the saturation by 10% instead.


 110.9050, 52.0360,
15.1080


 110.9050, 52.0360,
15.1080


255.0000, -0.0000,
-0.0000


 85.2360, 49.6060,
15.0940


 164.6560, 57.1710,
15.6590


 60.3820, 46.2590,
15.1790


 190.6560, 57.1710,
15.6590


 34.3540, 43.4620,
16.3100


 210.1700, 40.8040,
9.4120

 17.9400, 35.7600,
12.7200

 229.7980, 24.1160,
3.4760

 10.2800, 19.9430,
7.5190

 250.0130, 7.1530,
-2.9830

 0.0000, 0.0000,
0.0000

■ 110.9050, 52.0360,
15.1080

■ 110.9050, 52.0360,
15.1080

■ 99.5750, 61.8930,
18.1890

■ 121.6480, 42.4540,
12.5500

■ 88.8320, 71.4750,
20.7470

■ 132.9780, 32.5970,
9.4690

■ 77.5020, 81.3320,
23.8280

■ 144.3080, 22.7400,
6.3880

■ 66.7590, 90.9140,
26.3860

■ 155.0510, 13.1580,
3.8300

■ 59.6350, 97.1950,
28.1950

■ 166.3810, 3.3010,
0.7490

■ 177.1240, -6.2810,
-1.8090

■ 188.4540,
-16.1380, -4.8900

■ 199.1970,

-25.7200, -7.4480

■ 210.5270,
-35.5770, -10.5290

Harmonies

Analogous

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



112.2050, 42.8640, 27.1520



110.9050, 52.0360, 15.1080



110.0270, 48.0960, -1.6000

Triad

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



110.9050, 52.0360, 15.1080



97.9290, -28.7420, -29.7820



102.5300, -56.8540, 6.1380

Complementary

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



110.9050, 52.0360, 15.1080



138.0950, -52.0360, -15.1080

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.



91.3530, -87.7530, -12.0810



110.9050, 52.0360, 15.1080



87.3170, -70.8770, -31.5890

Square

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



110.9050, 52.0360, 15.1080



104.3000, 6.8820, -25.6140



90.9650, -81.1490, -21.6370



113.2970, -13.1170, 22.9710

Rectangle

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



110.9050, 52.0360, 15.1080



108.6140, 38.6530, -12.1870



90.9650, -81.1490, -21.6370



88.6290, -88.3500, -6.7660

Sweetspot

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



110.9050, 52.0360, 15.1080



198.5250, 20.6310, 6.0630



115.6710, 27.5930, 45.1050



98.4530, 11.9660, 3.4060



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



110.9050, 52.0360, 15.1080



129.5020, 81.3320, 23.8280



137.3200, 39.6610, -8.4270



78.3920, 4.7680, 1.6960



51.8830, 84.6330, 24.5770



7.1540, 11.3700, 3.1940

Inverse Universe

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



138.0950, -52.0360, -15.1080



171.9110, -81.0570, -23.3050



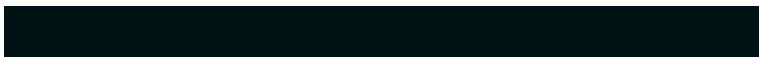
111.6800, -39.6610, 8.4270



81.0210, -4.4930, -1.1730



96.1170, -84.6330, -24.5770



13.4330, -11.6450, -3.7170

Previews

White Background



This preview shows how the YIQ color 110.9050, 52.0360, 15.1080 looks on a white background.

Color Contrast Check

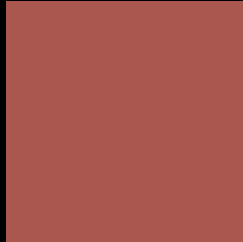
Large Text (above 18pt) WCAG AA ✓ Pass

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 110.9050, 52.0360, 15.1080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

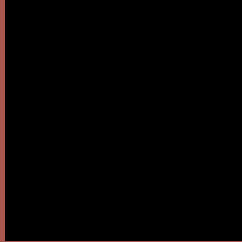
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 110.9050, 52.0360, 15.1080

Background



This preview shows how black text looks on a background with the YIQ color 110.9050, 52.0360, 15.1080.



This preview shows how white text looks on a background with the YIQ color 110.9050, 52.0360,

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

110.9050, 52.0360, 15.1080

Protanopia

110.6990, 10.9130, -5.0470

Deuteranopia

111.5390, 26.0430, -3.9170



Tritanopia

111.3980, 49.3300, 20.0980

Trichromacy



Original Color

110.9050, 52.0360, 15.1080

Protanomaly

110.6410, 25.9960, 2.4440

Deuteranomaly

111.4310, 35.3950, 2.8110

Tritanomaly

111.5290, 50.3390, 18.3310

Monochromacy



Original Color

110.9050, 52.0360, 15.1080

Achromatopsia

111.0000, -0.0000, 0.0000

Achromatomaly

110.6280, 18.8430, 5.4270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 110.9050, 52.0360, 15.1080 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(170, 87, 79)` looks like.

```
.text, #text, p{  
    color:rgb(170, 87, 79)  
}
```

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(170, 87, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 87, 79) }
```

Border

The CSS property to change the border of an element to YIQ 110.9050, 52.0360, 15.1080 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(170, 87, 79) }
```


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

```
.border{ border-color:rgb(170, 87, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 87, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 87, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 87, 79);  
box-shadow:4px 4px 4px 4px rgb(170, 87,  
79) }
```

Background

The CSS property to change the background color of an element to YIQ 110.9050, 52.0360, 15.1080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 87, 79) }
```

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

```
.background{ background-color: rgb(170, 87,  
79) }
```

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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