

Converting Colors

YIQ(154.2170, 42.5900, 21.1020)

Have a look what the booklet for
YIQ(154.2170, 42.5900, 21.1020)
contains.

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Color

**YIQ(154.2170, 42.5900,
21.1020)**

Conversions

Conversions Part 1

Format	Color
Hex	D0818F
RGB	208, 129, 143
RGB Percent	82%, 51%, 56%
CMY	0.1841, 0.4942, 0.4391
CMYK	0.00, 0.38, 0.31, 0.18
HSL	349°, 46%, 66%
HSV	349°, 38%, 82%
XYZ	38.8334, 31.0933, 29.9575
YIQ	154.2170, 42.5900, 21.1020

Conversions

Conversions Part 2

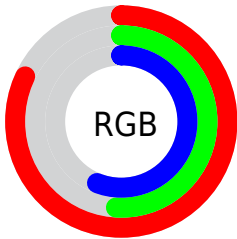
Format	Color
R_{YB}	208, 129, 143
Decimal	13664655
CIE _{Lab}	62.59, 32.28, 5.41
CIE _{LCh}	63, 32.732, 9.519
Yxy	31.0933, 0.3888, 0.3113
Android (android.graphics.Color)	4291854735 (0xFFD0818F)
YUV	154.2170, -5.5300, 47.1677
Hunter-Lab	55.7614, 26.7287, 7.1798

Details

The YIQ color **154.2170, 42.5900, 21.1020** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **182.7830, -42.5900, -21.1020**, and the grayscale version is **154.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **206.1240, 38.4180, 19.6180**, and **101.8360, 39.2890, 20.3530** is the 20% darker color. If you saturate the color by 10%, you get **139.9520, 53.8220, 26.7980**, and if you desaturate by 10%, it is **168.4820, 31.3580, 15.4060**.

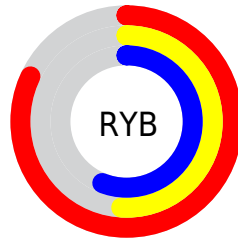
Distribution



Red (82%)

Green (51%)

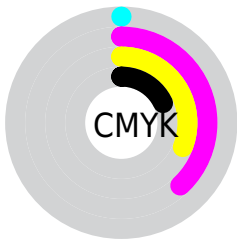
Blue (56%)



Red (82%)

Yellow (51%)

Blue (56%)

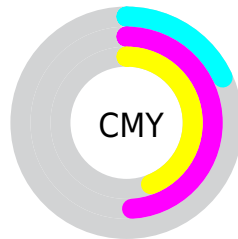


Cyan (0%)

Magenta (38%)

Yellow (31%)

Black (18%)



Cyan (18%)


Magenta (49%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 154.2170, 42.5900, 21.1020 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 154.2170, 42.5900, 21.1020 by changing the saturation by 10% instead.


 154.2170, 42.5900,
21.1020


 154.2170, 42.5900,
21.1020


255.0000, -0.0000,
-0.0000


 127.3200, 40.8020,
20.4660


 206.1240, 38.4180,
19.6180


 101.8360, 39.2890,
20.3530


 225.7520, 21.7300,
13.6820

 76.6400, 36.9050,
19.5050

 245.3800, 5.0420,
7.7460

 51.6830, 35.3460,
20.2260

 26.3670, 33.4200,
22.0920

 14.6510, 29.2040,
10.3880

 0.2990, 0.5960,

0.2120

0.0000, 0.0000,
0.0000

154.2170, 42.5900,
21.1020

154.2170, 42.5900,
21.1020

139.9520, 53.8220,
26.7980

168.4820, 31.3580,
15.4060

125.6870, 65.0540,
32.4940

182.7470, 20.1260,
9.7100

112.0090, 76.0110,
37.6670

196.4250, 9.1690,
4.5370

97.7440, 87.2430,
43.3630

210.6900, -2.0630,
-1.1590

83.4790, 98.4750,
49.0590

225.0690,
-13.6160, -6.5440

■ 69.1000, 110.0280,
54.4440

■ 239.3340,
-24.8480, -12.2400

■ 66.4100, 112.0910,
55.6030

■ 240.9470,
-28.0120, -9.9640

Harmonies

Analogous

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



155.3970, 24.7080, 25.7960



154.2170, 42.5900, 21.1020



153.1770, 48.0940, 9.4540

Triad

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



154.2170, 42.5900, 21.1020



145.4610, -0.8210, -23.6770



140.3130, -63.9130, -3.6010

Complementary

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



154.2170, 42.5900, 21.1020



182.7830, -42.5900, -21.1020

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.



130.4320, -80.9660, -19.4460



154.2170, 42.5900, 21.1020



139.7810, -31.0810, -25.9370

Square

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



154.2170, 42.5900, 21.1020



148.8510, 24.6240, -16.7520



133.3120, -63.3130, -25.4970



149.7240, -33.7930, 12.2150

Rectangle

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



154.2170, 42.5900, 21.1020



151.5260, 45.2530, 0.3650



133.3120, -63.3130, -25.4970



136.5460, -72.1190, -9.0710

Sweetspot

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



154.2170, 42.5900, 21.1020



235.9420, 15.0830, 7.4910



157.4410, 13.3810, 38.3490



116.4250, 9.1690, 4.5370



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.



154.2170, 42.5900, 21.1020



175.3770, 62.9910, 31.3350



167.2960, 40.2090, 3.6730



97.5170, 5.9140, 2.9540



53.6520, 90.4980, 44.9460



13.0570, 22.1890, 10.8690

Inverse Universe

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



154.2170, 42.5900, 21.1020



175.3770, 62.9910, 31.3350



169.7040, -40.2090, -3.6730



97.5170, 5.9140, 2.9540



53.6520, 90.4980, 44.9460



13.0570, 22.1890, 10.8690

Previews

White Background



This preview shows how the YIQ color 154.2170, 42.5900, 21.1020 looks on a white background.

Color Contrast Check

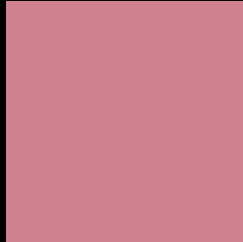
Large Text (above 18pt) WCAG AA × Fail

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 154.2170, 42.5900, 21.1020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

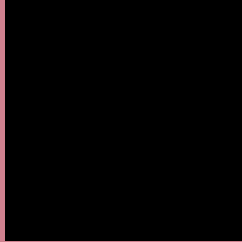
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 154.2170, 42.5900, 21.1020

Background



This preview shows how black text looks on a background with the YIQ color 154.2170, 42.5900, 21.1020.



This preview shows how white text looks on a background with the YIQ color 154.2170, 42.5900,

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

154.2170, 42.5900, 21.1020

Protanopia

152.0540, -0.0920, 1.6680

Deuteranopia

152.7910, 16.8260, 3.4340



Tritanopia

154.3480, 43.5990, 19.3350

Trichromacy



Original Color

154.2170, 42.5900, 21.1020

Protanomaly

152.8820, 15.3120, 8.8480

Deuteranomaly

153.2700, 25.9030, 9.6390

Tritanomaly

154.4620, 43.2780, 19.6460

Monochromacy



Original Color

154.2170, 42.5900, 21.1020

Achromatopsia

154.0000, -0.0000, -0.0000

Achromatomaly

154.2410, 15.6790, 7.7030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 154.2170, 42.5900, 21.1020 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(208, 129, 143)` looks like.

```
.text, #text, p{  
    color:rgb(208, 129, 143)  
}
```

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(208, 129, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 129, 143) }
```

Border

The CSS property to change the border of an element to YIQ 154.2170, 42.5900, 21.1020 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(208, 129, 143) }
```


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

```
.border{ border-color:rgb(208, 129, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 129, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 129, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 129, 143);  
box-shadow:4px 4px 4px 4px rgb(208, 129,  
143) }
```

Background

The CSS property to change the background color of an element to YIQ 154.2170, 42.5900, 21.1020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 129, 143) }
```

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

```
.background{ background-color: rgb(208,  
129, 143) }
```

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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