

Converting Colors

YIQ(149.3290, 18.2470, 5.2150)

Have a look what the booklet for
YIQ(149.3290, 18.2470, 5.2150)
contains.

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Color

**YIQ(149.3290, 18.2470,
5.2150)**

Conversions

Conversions Part 1

Format	Color
Hex	AA8D8A
RGB	170, 141, 138
RGB Percent	67%, 55%, 54%
CMY	0.3333, 0.4471, 0.4587
CMYK	0.00, 0.17, 0.19, 0.33
HSL	6°, 16%, 60%
HSV	6°, 19%, 67%
XYZ	30.6932, 29.4296, 28.1148
YIQ	149.3290, 18.2470, 5.2150

Conversions

Conversions Part 2

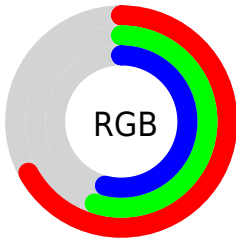
Format	Color
R _Y B	170, 141, 138
Decimal	11177354
CIE Lab	61.16, 10.45, 5.68
CIE LCh	61, 11.894, 28.503
Yxy	29.4296, 0.3478, 0.3335
Android (android.graphics.Color)	4289367434 (0xFFAA8D8A)
YUV	149.3290, -5.5852, 18.1285
Hunter-Lab	54.2491, 6.0562, 7.2471

Details

The YIQ color **149.3290, 18.2470, 5.2150** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **158.6710, -18.2470, -5.2150**, and the grayscale version is **149.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **203.8130, 19.7600, 5.3280**, and **98.4320, 16.4590, 4.5790** is the 20% darker color. If you saturate the color by 10%, you get **138.5860, 27.8290, 7.7730**, and if you desaturate by 10%, it is **160.0720, 8.6650, 2.6570**.

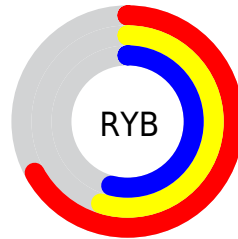
Distribution



Red (67%)

Green (55%)

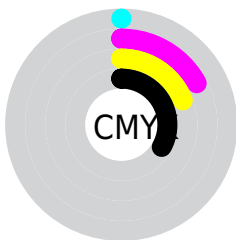
Blue (54%)



Red (67%)

Yellow (55%)

Blue (54%)

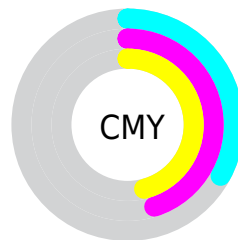


Cyan (0%)

Magenta (17%)

Yellow (19%)

Black (33%)



Cyan (33%)

Magenta (45%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 149.3290, 18.2470, 5.2150 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 149.3290, 18.2470, 5.2150 by changing the saturation by 10% instead.

■ 149.3290, 18.2470,
5.2150

■ 149.3290, 18.2470,
5.2150

255.0000, -0.0000,
-0.0000

■ 123.1440, 17.3300,
5.3140

■ 203.8130, 19.7600,
5.3280

■ 98.4320, 16.4590,
4.5790

■ 231.8130, 19.7600,
5.3280

■ 74.2470, 15.5420,
4.6780

■ 251.8540, 3.3470,
-0.0850

■ 51.6490, 14.3500,
4.2540

■ 30.0510, 13.1580,
3.8300

■ 7.7740, 15.4960,
5.5120

■ 0.0000, 0.0000,

0.0000

■ 149.3290, 18.2470,
5.2150

■ 149.3290, 18.2470,
5.2150

■ 138.5860, 27.8290,
7.7730

■ 160.0720, 8.6650,
2.6570

■ 127.2560, 37.6860,
10.8540

■ 171.4020, -1.1920,
-0.4240

■ 116.5130, 47.2680,
13.4120

■ 182.1450,
-10.7740, -2.9820

■ 105.1830, 57.1250,
16.4930

■ 193.4750,
-20.6310, -6.0630

■ 94.4400, 66.7070,
19.0510

■ 204.2180,
-30.2130, -8.6210

■ 83.1100, 76.5640,
22.1320

■ 215.5480,
-40.0700, -11.7020

■ 72.3670, 86.1460,
24.6900

■ 226.0630,
-49.0100, -14.8820

■ 61.6240, 95.7280,
27.2480

■ 229.5850,
-50.6600, -18.0200

■ 60.2220, 96.9200,
27.6720

Harmonies

Analogous

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



149.3980, 13.7990, 8.7350



149.3290, 18.2470, 5.2150



148.3950, 17.8810, 0.8330

Triad

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



149.3290, 18.2470, 5.2150



145.0820, -6.4630, -9.5270



147.2790, -13.8470, 3.1530

Complementary

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



149.3290, 18.2470, 5.2150



158.6710, -18.2470, -5.2150

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.



145.4090, -20.2650, -1.6810



149.3290, 18.2470, 5.2150



144.2320, -15.6330, -8.5370

Square

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



149.3290, 18.2470, 5.2150



146.1110, 3.7610, -7.5910



144.4750, -20.6310, -6.0630



148.5900, -4.3570, 7.3790

Rectangle

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



149.3290, 18.2470, 5.2150



147.4330, 14.7180, -2.4180



144.4750, -20.6310, -6.0630



146.6700, -16.5060, 1.7820

Sweetspot

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



149.3290, 18.2470, 5.2150



213.4740, 7.4730, 2.2330



150.8740, 9.7630, 15.8030



106.9790, 4.4930, 1.1730



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.



149.3290, 18.2470, 5.2150



189.1840, 29.0210, 8.1970



158.7210, 13.8470, -3.1530



78.9790, 4.4930, 1.1730



52.4700, 84.3580, 24.0540



7.1540, 11.3700, 3.1940

Inverse Universe

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



158.6710, -18.2470, -5.2150



203.8160, -29.0210, -8.1970



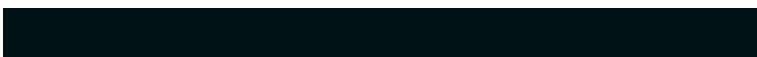
149.2790, -13.8470, 3.1530



81.0210, -4.4930, -1.1730



95.5300, -84.3580, -24.0540



13.4330, -11.6450, -3.7170

Previews

White Background



This preview shows how the YIQ color 149.3290, 18.2470, 5.2150 looks on a white background.

Color Contrast Check

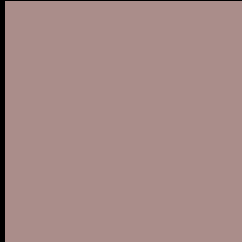
Large Text (above 18pt) WCAG AA ✓ Pass

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 149.3290, 18.2470, 5.2150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

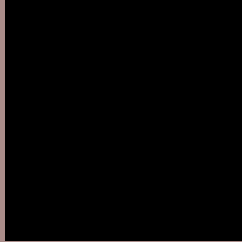
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 149.3290, 18.2470, 5.2150

Background



This preview shows how black text looks on a background with the YIQ color 149.3290, 18.2470, 5.2150.



This preview shows how white text looks on a background with the YIQ color 149.3290, 18.2470,

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

149.3290, 18.2470, 5.2150

Protanopia

147.8110, 4.9060, -0.8060

Deuteranopia

149.3070, 15.3130, 3.3210



Tritanopia

149.8220, 15.5410, 10.2050

Trichromacy



Original Color

149.3290, 18.2470, 5.2150

Protanomaly

148.6160, 9.9490, 1.4130

Deuteranomaly

149.0190, 16.1840, 4.0560

Tritanomaly

149.9530, 16.5500, 8.4380

Monochromacy



Original Color

149.3290, 18.2470, 5.2150

Achromatopsia

149.0000, 0.0000, -0.0000

Achromatomaly

149.1750, 6.8770, 2.0210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 149.3290, 18.2470, 5.2150 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, 141, 138)` looks like.

```
.text, #text, p{  
    color:rgb(170, 141, 138)  
}
```

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, 141, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 141, 138) }
```

Border

The CSS property to change the border of an element to YIQ 149.3290, 18.2470, 5.2150 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, 141, 138) }
```


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

```
.border{ border-color:rgb(170, 141, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 141, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 141, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 141, 138);  
box-shadow:4px 4px 4px 4px rgb(170, 141,  
138) }
```

Background

The CSS property to change the background color of an element to YIQ 149.3290, 18.2470, 5.2150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 141, 138) }
```

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

```
.background{ background-color: rgb(170,  
141, 138) }
```

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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