

Converting Colors

YIQ(170.2150, 0.2320, -15.2240)

Have a look what the booklet for
YIQ(170.2150, 0.2320, -15.2240)
contains.

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Color

**YIQ(170.2150, 0.2320,
-15.2240)**

Conversions

Conversions Part 1

Format	Color
Hex	A1B490
RGB	161, 180, 144
RGB Percent	63%, 71%, 56%
CMY	0.3687, 0.2941, 0.4353
CMYK	0.11, 0.00, 0.20, 0.29
HSL	92°, 19%, 64%
HSV	92°, 20%, 71%
XYZ	36.0519, 42.2348, 32.6405
YIQ	170.2150, 0.2320, -15.2240

Conversions

Conversions Part 2

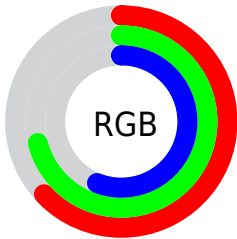
Format	Color
RYB	144, 180, 163
Decimal	10597520
CIELab	71.03, -13.20, 16.20
CIElCh	71, 20.901, 129.175
Yxy	42.2348, 0.3250, 0.3807
Android (android.graphics.Color)	4288787600 (0xFFA1B490)
YUV	170.2150, -12.9240, -8.0816
Hunter-Lab	64.9883, -14.7076, 15.7133

Details

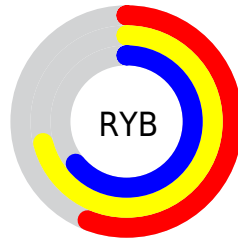
The YIQ color $170.2150, 0.2320, -15.2240$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $153.7850, -0.2320, 15.2240$, and the grayscale version is $170.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $225.6880, 0.2780, -16.0580$, and $117.7420, 0.1860, -14.3900$ is the 20% darker color. If you saturate the color by 10%, you get $165.1730, 0.0500, -22.9420$, and if you desaturate by 10%, it is $174.9580, -0.1820, -7.7180$.

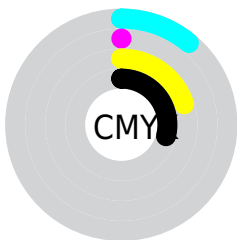
Distribution



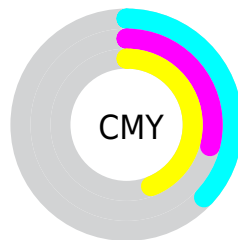
- Red (63%)
- Green (71%)
- Blue (56%)



- Red (56%)
- Yellow (71%)
- Blue (64%)



- Cyan (11%)
- Magenta (0%)
- Yellow (20%)
- Black (29%)





- Cyan (37%)
- Magenta (29%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 170.2150, 0.2320, -15.2240 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 170.2150, 0.2320, -15.2240 by changing the saturation by 10% instead.

 170.2150, 0.2320,
-15.2240

 170.2150, 0.2320,
-15.2240


255.0000, -0.0000,
-0.0000


 143.6280, 0.5070,
-14.7010


 225.6880, 0.2780,
-16.0580


 117.7420, 0.1860,
-14.3900

 248.4050, 2.7530,
-11.3510

 93.2690, 0.1400,
-13.5560

 69.3830, -0.1810,
-13.2450

 46.9100, -0.2270,
-12.4110

 25.6390, 1.9740,
-13.7540

 4.1090, -1.9250,

-3.6610

■ 0.0000, 0.0000,
0.0000

■ 170.2150, 0.2320,
-15.2240

■ 170.2150, 0.2320,
-15.2240

■ 165.1730, 0.0500,
-22.9420

■ 174.9580, -0.1820,
-7.7180

■ 160.4300, 0.4640,
-30.4480

■ 180.0000, -0.0000,
-0.0000

■ 155.3880, 0.2820,
-38.1660

■ 185.0420, 0.1820,
7.7180

■ 150.6450, 0.6960,
-45.6720

■ 189.7850, -0.2320,
15.2240

■ 145.6030, 0.5140,
-53.3900

■ 194.8270, -0.0500,
22.9420

■ 140.8600, 0.9280,
-60.8960

■ 199.5700, -0.4640,
30.4480

■ 135.8180, 0.7460,
-68.6140

■ 202.9020, 4.5330,
33.5010

■ 131.0750, 1.1600,
-76.1200

■ 205.5930, 9.8970,
35.4090

■ 208.5830, 15.8570,
37.5290

Harmonies

Analogous

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



172.0600, 16.9660, -10.1220



170.2150, 0.2320, -15.2240



168.1080, -18.5200, -16.7920

Triad

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



170.2150, 0.2320, -15.2240



169.5630, -35.2580, 0.2140



176.8730, 28.6990, 14.0350

Complementary

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



170.2150, 0.2320, -15.2240



153.7850, -0.2320, 15.2240

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.



177.5220, 16.6860, 16.9900



170.2150, 0.2320, -15.2240



174.0320, -20.2210, 8.5390

Square

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



170.2150, 0.2320, -15.2240



166.3570, -40.8500, -8.5780



176.1870, -1.4240, 14.8000



175.9840, 32.4600, 6.4440

Rectangle

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



170.2150, 0.2320, -15.2240



166.8880, -29.5240, -15.6040



176.1870, -1.4240, 14.8000



176.9590, 25.5810, 15.4770

Sweetspot

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



170.2150, 0.2320, -15.2240



231.0120, -0.2740, -6.0500



165.9170, 16.2310, -2.3050



114.8920, 0.1840, -3.3360



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



170.2150, 0.2320, -15.2240



219.5320, 0.4170, -24.0870



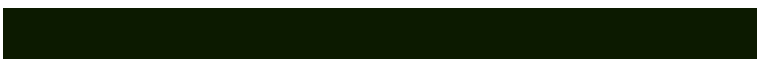
165.2460, -10.2210, -18.5170



86.7780, 0.5050, -3.6470



111.3390, 0.8370, -64.7550



18.8500, 0.0020, -11.0540

Inverse Universe

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



153.7850, -0.2320, 15.2240



193.4680, -0.4170, 24.0870



158.7540, 10.2210, 18.5170



82.5210, 0.0910, 3.8590



41.6610, -0.8370, 64.7550



6.8510, -0.5980, 10.8420

Previews

White Background



This preview shows how the YIQ color 170.2150, 0.2320, -15.2240 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 170.2150, 0.2320, -15.2240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

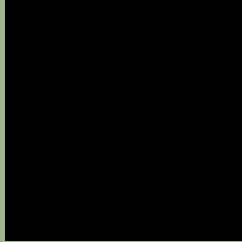
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 170.2150, 0.2320, -15.2240

Background



This preview shows how black text looks on a background with the YIQ color 170.2150, 0.2320, -15.2240.



This preview shows how white text looks on a background with the YIQ color 170.2150, 0.2320,

-15.2240.

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

170.2150, 0.2320, -15.2240

Protanopia

172.6410, 16.8280, -7.6200

Deuteranopia

174.5870, 26.0880, 0.7760



Tritanopia

173.8020, -8.0700, 3.0820

Trichromacy



Original Color

170.2150, 0.2320, -15.2240

Protanomaly

172.1240, 10.9140, -10.5740

Deuteranomaly

173.2220, 16.6900, -5.1180

Tritanomaly

172.2550, -5.2720, -3.5760

Monochromacy



Original Color

170.2150, 0.2320, -15.2240

Achromatopsia

170.0000, -0.0000, 0.0000

Achromatomaly

170.4250, 0.0010, -5.5270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 170.2150, 0.2320, -15.2240 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(161, 180, 144)` looks like.

```
.text, #text, p{  
    color:rgb(161, 180, 144)  
}
```

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(161, 180, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 180, 144) }
```

Border

The CSS property to change the border of an element to YIQ 170.2150, 0.2320, -15.2240 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(161, 180, 144) }
```


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

```
.border{ border-color:rgb(161, 180, 144) }
```

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

Here you see how a box with a 4 pixel rgb(161, 180, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 180, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 180, 144);  
box-shadow:4px 4px 4px 4px rgb(161, 180,  
144) }
```

Background

The CSS property to change the background color of an element to YIQ 170.2150, 0.2320, -15.2240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 180, 144) }
```

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

```
.background{ background-color: rgb(161,  
180, 144) }
```

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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