

Converting Colors

YIQ(149.0850, 60.5170, 21.1010)

Have a look what the booklet for
YIQ(149.0850, 60.5170, 21.1010)
contains.

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Color

**YIQ(149.0850, 60.5170,
21.1010)**

Conversions

Conversions Part 1

Format	Color
Hex	DC7776
RGB	220, 119, 118
RGB Percent	86%, 47%, 46%
CMY	0.1370, 0.5335, 0.5370
CMYK	0.00, 0.46, 0.46, 0.14
HSL	1°, 59%, 66%
HSV	1°, 46%, 86%
XYZ	39.3991, 29.7182, 20.8183
YIQ	149.0850, 60.5170, 21.1010

Conversions

Conversions Part 2

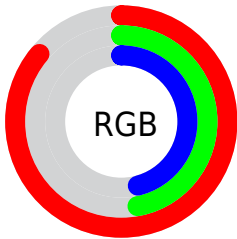
Format	Color
R _{YB}	220, 119, 118
Decimal	14448502
CIE Lab	61.41, 39.14, 18.25
CIE LCh	61, 43.188, 24.993
Yxy	29.7182, 0.4381, 0.3304
Android (android.graphics.Color)	4292638582 (0xFFDC7776)
YUV	149.0850, -15.3249, 62.1925
Hunter-Lab	54.5144, 33.6070, 15.5180

Details

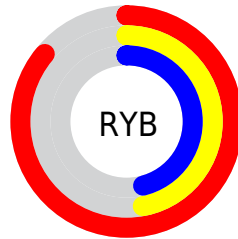
The YIQ color **149.0850, 60.5170, 21.1010** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **188.9150, -60.5170, -21.1010**, and the grayscale version is **149.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **197.1760, 49.8350, 16.4510**, and **96.0350, 54.7860, 20.3380** is the 20% darker color. If you saturate the color by 10%, you get **133.6630, 73.6290, 25.7650**, and if you desaturate by 10%, it is **164.5070, 47.4050, 16.4370**.

Distribution



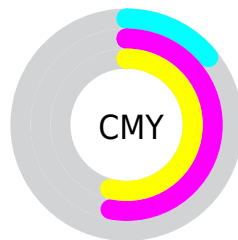
- Red (86%)
- Green (47%)
- Blue (46%)



- Red (86%)
- Yellow (47%)
- Blue (46%)



- Cyan (0%)
- Magenta (46%)
- Yellow (46%)
- Black (14%)




- Cyan (14%)
- Magenta (53%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 149.0850, 60.5170, 21.1010 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 149.0850, 60.5170, 21.1010 by changing the saturation by 10% instead.


 149.0850, 60.5170,
21.1010


 149.0850, 60.5170,
21.1010


255.0000, -0.0000,
-0.0000


 122.0030, 57.8120,
20.5640


 197.1760, 49.8350,
16.4510

 95.4480, 55.0610,
20.8610


 216.6900, 33.4680,
10.2040


 69.8930, 52.3100,
21.1580

 236.3180, 16.7800,
4.2680

 42.1040, 50.3380,
23.8580

254.8860, 0.3210,
-0.3110

 23.0230, 45.8920,
16.3240

 15.6620, 30.6710,
11.3350

 1.7940, 3.5760,

1.2720

■ 0.0000, 0.0000,
0.0000

■ 149.0850, 60.5170,
21.1010

■ 149.0850, 60.5170,
21.1010

■ 133.6630, 73.6290,
25.7650

■ 164.5070, 47.4050,
16.4370

■ 118.2410, 86.7410,
30.4290

■ 179.9290, 34.2930,
11.7730

■ 103.4060, 99.5780,
34.5700

■ 194.7640, 21.4560,
7.6320

■ 87.9840, 112.6900,
39.2340

■ 210.1860, 8.3440,
2.9680

■ 72.5620, 125.8020,
43.8980

■ 225.6080, -4.7680,
-1.6960

■ 66.9540, 130.5700,
45.5940

■ 241.0300,
-17.8800, -6.3600

■ 244.5350,
-20.8600, -7.4200

Harmonies

Analogous

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



151.0470, 46.4850, 33.1170



149.0850, 60.5170, 21.1010



147.8220, 59.0990, 2.7390

Triad

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



149.0850, 60.5170, 21.1010



135.8170, -22.7350, -34.0230



135.6680, -74.9180, 3.1140

Complementary

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



149.0850, 60.5170, 21.1010



188.9150, -60.5170, -21.1010

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.



119.6210, -112.2350, -19.9390



149.0850, 60.5170, 21.1010



113.9890, -90.8650, -43.8010

Square

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



149.0850, 60.5170, 21.1010



141.9110, 15.2270, -28.1730



118.4350, -103.3840, -31.6720



149.7780, -24.7170, 23.9470

Rectangle

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



149.0850, 60.5170, 21.1010



146.2410, 50.0690, -9.8270



118.4350, -103.3840, -31.6720



122.5390, -105.7720, -10.4120

Sweetspot

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



149.0850, 60.5170, 21.1010



230.3510, 21.1810, 7.1090



160.1260, 28.0500, 53.3460



112.5780, 13.1120, 4.6640



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.



149.0850, 60.5170, 21.1010



155.3440, 84.9530, 29.7930



178.4350, 46.7670, -5.0490



102.2890, 6.5560, 2.3320



52.9010, 102.5580, 35.6300



13.7540, 27.4160, 9.7520

Inverse Universe

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



188.9150, -60.5170, -21.1010



211.6560, -84.9530, -29.7930



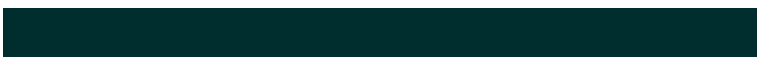
159.5650, -46.7670, 5.0490



106.7110, -6.5560, -2.3320



120.6860, -102.8330, -36.1530



31.6590, -27.1410, -9.2290

Previews

White Background



This preview shows how the YIQ color 149.0850, 60.5170, 21.1010 looks on a white background.

Color Contrast Check

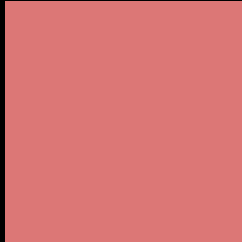
Large Text (above 18pt) WCAG AA ✓ Pass

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 149.0850, 60.5170, 21.1010 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 149.0850, 60.5170, 21.1010

Background



This preview shows how black text looks on a background with the YIQ color 149.0850, 60.5170, 21.1010.



This preview shows how white text looks on a background with the YIQ color 149.0850, 60.5170,

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

149.0850, 60.5170, 21.1010

Protanopia

148.2690, 9.3080, -3.4920

Deuteranopia

149.2620, 28.3810, -2.2350



Tritanopia

149.7090, 58.8200, 24.3240

Trichromacy



Original Color

149.0850, 60.5170, 21.1010

Protanomaly

148.4180, 28.2420, 5.7940

Deuteranomaly

148.8770, 40.0710, 6.1750

Tritanomaly

149.3670, 59.7830, 23.3910

Monochromacy



Original Color

149.0850, 60.5170, 21.1010

Achromatopsia

149.0000, 0.0000, -0.0000

Achromatomaly

149.0630, 22.0520, 7.8440

CSS Examples

Text

The CSS property to change the color of the text to YIQ 149.0850, 60.5170, 21.1010 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(220, 119, 118)` looks like.

```
.text, #text, p{  
    color:rgb(220, 119, 118)  
}
```

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(220, 119, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 119, 118) }
```

Border

The CSS property to change the border of an element to YIQ 149.0850, 60.5170, 21.1010 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(220, 119, 118) }
```


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

```
.border{ border-color:rgb(220, 119, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 119, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 119, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 119, 118);  
box-shadow:4px 4px 4px 4px rgb(220, 119,  
118) }
```

Background

The CSS property to change the background color of an element to YIQ 149.0850, 60.5170, 21.1010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 119, 118) }
```

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

```
.background{ background-color: rgb(220,  
119, 118) }
```

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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