

Converting Colors

YIQ(149.2510, 54.4180, 27.0100)

Have a look what the booklet for
YIQ(149.2510, 54.4180, 27.0100)
contains.

YIQ(149.2510, 54.4180, 27.0100)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(149.2510, 54.4180,
27.0100)**

Conversions

Conversions Part 1

Format	Color
Hex	DA7587
RGB	218, 117, 135
RGB Percent	85%, 46%, 53%
CMY	0.1448, 0.5413, 0.4704
CMYK	0.00, 0.46, 0.38, 0.14
HSL	349°, 58%, 66%
HSV	349°, 46%, 86%
XYZ	39.6658, 29.3787, 26.5207
YIQ	149.2510, 54.4180, 27.0100

Conversions

Conversions Part 2

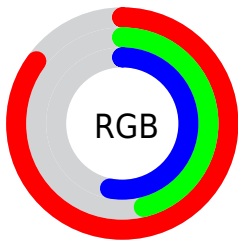
Format	Color
R _Y B	218, 117, 135
Decimal	14316935
CIE Lab	61.11, 41.26, 8.05
CIE LCh	61, 42.037, 11.045
Yxy	29.3787, 0.4151, 0.3074
Android (android.graphics.Color)	4292507015 (0xFFDA7587)
YUV	149.2510, -7.0257, 60.2929
Hunter-Lab	54.2022, 35.7746, 8.9313

Details

The YIQ color **149.2510, 54.4180, 27.0100** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **185.7490, -54.4180, -27.0100**, and the grayscale version is **149.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **198.0540, 44.6070, 23.0950**, and **95.7990, 49.8790, 26.6710** is the 20% darker color. If you saturate the color by 10%, you get **134.2850, 66.2460, 32.9180**, and if you desaturate by 10%, it is **164.2170, 42.5900, 21.1020**.

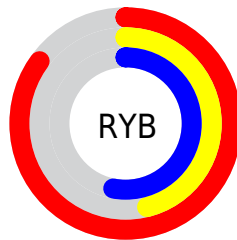
Distribution



Red (85%)

Green (46%)

Blue (53%)



Red (85%)

Yellow (46%)

Blue (53%)

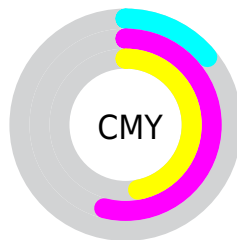


Cyan (0%)

Magenta (46%)

Yellow (38%)

Black (14%)



Cyan (14%)


Magenta (54%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 149.2510, 54.4180, 27.0100 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 149.2510, 54.4180, 27.0100 by changing the saturation by 10% instead.


 149.2510, 54.4180,
27.0100


 149.2510, 54.4180,
27.0100


255.0000, -0.0000,
-0.0000


 122.4680, 52.3090,
26.6850


 198.0540, 44.6070,
23.0950


 95.7990, 49.8790,
26.6710


 217.6820, 27.9190,
17.1590

 69.4290, 48.0450,
26.8690

 237.3100, 11.2310,
11.2230

 40.4660, 46.6230,
30.6150

 25.4170, 39.1510,
22.8550

 15.9610, 31.2670,
11.5470

 2.3920, 4.7680,

1.6960

■ 0.0000, 0.0000,
0.0000

■ 149.2510, 54.4180,
27.0100

■ 149.2510, 54.4180,
27.0100

■ 134.2850, 66.2460,
32.9180

■ 164.2170, 42.5900,
21.1020

■ 119.3190, 78.0740,
38.8260

■ 179.1830, 30.7620,
15.1940

■ 104.9400, 89.6270,
44.2110

■ 193.5620, 19.2090,
9.8090

■ 89.9740, 101.4550,
50.1190

■ 208.5280, 7.3810,
3.9010

■ 75.1220, 112.9620,
56.3380

■ 223.4940, -4.4470,
-2.0070

■ 69.6280, 117.4090,
58.3450

■ 238.3460,
-15.9540, -8.2260

■ 243.9370,
-22.0520, -7.8440

Harmonies

Analogous

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



151.1580, 33.0510, 34.2910



149.2510, 54.4180, 27.0100



147.5760, 60.1520, 11.1920

Triad

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



149.2510, 54.4180, 27.0100



138.2770, -3.4790, -30.5750



117.4840, -113.1070, -15.1470

Complementary

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



149.2510, 54.4180, 27.0100



185.7490, -54.4180, -27.0100

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.



119.0850, -107.9700, -25.6500



149.2510, 54.4180, 27.0100



129.8990, -46.3930, -34.7850

Square

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



149.2510, 54.4180, 27.0100



143.2010, 29.2100, -22.7740



116.2690, -97.2850, -37.5810



144.8570, -44.2930, 15.2830

Rectangle

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



149.2510, 54.4180, 27.0100



147.0340, 55.3860, -1.5580



116.2690, -97.2850, -37.5810



118.6750, -112.3270, -18.2710

Sweetspot

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



149.2510, 54.4180, 27.0100



230.5620, 19.2090, 9.8090



153.3310, 17.0470, 49.0070



113.0340, 11.8280, 5.9080



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.



149.2510, 54.4180, 27.0100



157.7210, 76.8820, 38.4020



165.9830, 51.3960, 4.6760



102.5170, 5.9140, 2.9540



55.2610, 93.1570, 46.3170



14.6660, 24.8480, 12.2400

Inverse Universe

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



149.2510, 54.4180, 27.0100



157.7210, 76.8820, 38.4020



169.0170, -51.3960, -4.6760



102.5170, 5.9140, 2.9540



55.2610, 93.1570, 46.3170



14.6660, 24.8480, 12.2400

Previews

White Background



This preview shows how the YIQ color 149.2510, 54.4180, 27.0100 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 149.2510, 54.4180, 27.0100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

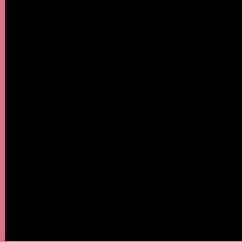
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 149.2510, 54.4180, 27.0100

Background



This preview shows how black text looks on a background with the YIQ color 149.2510, 54.4180, 27.0100.



This preview shows how white text looks on a background with the YIQ color 149.2510, 54.4180,

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

149.2510, 54.4180, 27.0100

Protanopia

148.1680, -0.4130, 1.9790

Deuteranopia

149.1070, 18.7520, 1.5680



Tritanopia

148.6270, 56.1150, 23.7870

Trichromacy



Original Color

149.2510, 54.4180, 27.0100

Protanomaly

148.5020, 19.4380, 11.1660

Deuteranomaly

149.3200, 31.6340, 10.4020

Tritanomaly

148.9690, 55.1520, 24.7200

Monochromacy



Original Color

149.2510, 54.4180, 27.0100

Achromatopsia

149.0000, 0.0000, -0.0000

Achromatomaly

148.8610, 19.8050, 10.0210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 149.2510, 54.4180, 27.0100 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(218, 117, 135)` looks like.

```
.text, #text, p{  
    color:rgb(218, 117, 135)  
}
```

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(218, 117, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 117, 135) }
```

Border

The CSS property to change the border of an element to YIQ 149.2510, 54.4180, 27.0100 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(218, 117, 135) }
```


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

```
.border{ border-color:rgb(218, 117, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 117, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 117, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 117, 135);  
box-shadow:4px 4px 4px 4px rgb(218, 117,  
135) }
```

Background

The CSS property to change the background color of an element to YIQ 149.2510, 54.4180, 27.0100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 117, 135) }
```

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

```
.background{ background-color: rgb(218,  
117, 135) }
```

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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