

Converting Colors

YIQ(149.7200, 60.2870, 25.2710)

Have a look what the booklet for
YIQ(149.7200, 60.2870, 25.2710)
contains.

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Color

**YIQ(149.7200, 60.2870,
25.2710)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | DF757E |
| RGB | 223, 117, 126 |
| RGB Percent | 87%, 46%, 49% |
| CMY | 0.1252, 0.5413, 0.5056 |
| CMYK | 0.00, 0.48, 0.43, 0.13 |
| HSL | 355°, 62%, 67% |
| HSV | 355°, 48%, 87% |
| XYZ | 40.5775, 29.9185, 23.3949 |
| YIQ | 149.7200, 60.2870, 25.2710 |

Conversions

Conversions Part 2

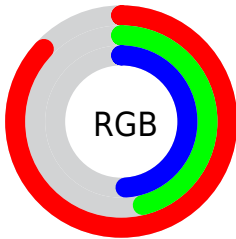
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 223, 117, 126 |
| Decimal | 14644606 |
| CIE Lab | 61.58, 42.08, 13.98 |
| CIE LCh | 62, 44.336, 18.375 |
| Yxy | 29.9185, 0.4322, 0.3187 |
| Android (android.graphics.Color) | 4292834686 (0xFFDF757E) |
| YUV | 149.7200, -11.6940, 64.2666 |
| Hunter-Lab | 54.6978, 36.6988, 12.9295 |

Details

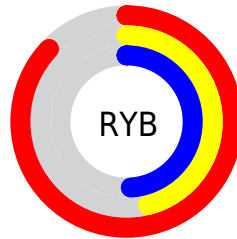
The YIQ color **149.7200, 60.2870, 25.2710** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **190.2800, -60.2870, -25.2710**, and the grayscale version is **150.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **197.0280, 47.4960, 20.2960**, and **95.9690, 55.1520, 24.7200** is the 20% darker color. If you saturate the color by 10%, you get **134.5260, 72.7570, 30.5570**, and if you desaturate by 10%, it is **164.9140, 47.8170, 19.9850**.

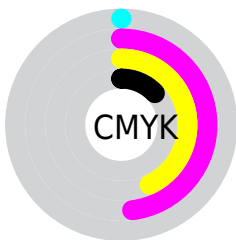
Distribution



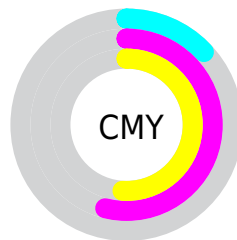
- Red (87%)
- Green (46%)
- Blue (49%)



- Red (87%)
- Yellow (46%)
- Blue (49%)



- Cyan (0%)
- Magenta (48%)
- Yellow (43%)
- Black (13%)



- Cyan (13%)
- Magenta (54%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 149.7200, 60.2870, 25.2710 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 149.7200, 60.2870, 25.2710 by changing the saturation by 10% instead.


 149.7200, 60.2870,
25.2710


 149.7200, 60.2870,
25.2710


255.0000, -0.0000,
-0.0000


 122.6380, 57.5820,
24.7340


 197.0280, 47.4960,
20.2960


 95.9690, 55.1520,
24.7200


 216.5420, 31.1290,
14.0490

 69.8270, 52.6760,
25.5400

 236.7570, 14.1660,
7.5900

 39.2770, 51.5290,
29.8090

 25.1740, 44.1490,
20.3810

 16.5590, 32.4590,
11.9710

 4.4850, 8.9400,

3.1800

■ 0.0000, 0.0000,
0.0000

■ 149.7200, 60.2870,
25.2710

■ 149.7200, 60.2870,
25.2710

■ 134.5260, 72.7570,
30.5570

■ 164.9140, 47.8170,
19.9850

■ 118.6310, 85.8230,
36.0550

■ 180.8090, 34.7510,
14.4870

■ 103.4370, 98.2930,
41.3410

■ 196.0030, 22.2810,
9.2010

■ 88.1290, 111.0840,
46.3160

■ 211.3110, 9.4900,
4.2260

■ 72.3480, 123.8290,
52.1250

■ 226.5050, -2.9800,
-1.0600

■ 68.8430, 126.8090,
53.1850

■ 242.2860,
-15.7250, -6.8690

■ 245.4320,
-19.0720, -6.7840

Harmonies

Analogous

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



152.1760, 41.8080, 35.2800



149.7200, 60.2870, 25.2710



148.4250, 61.8950, 7.1350

Triad

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



149.7200, 60.2870, 25.2710



137.3080, -13.9320, -33.8680



126.4800, -98.1160, -5.9880

Complementary

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



149.7200, 60.2870, 25.2710



190.2800, -60.2870, -25.2710

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.



120.3390, -111.5010, -22.2290



149.7200, 60.2870, 25.2710



123.5310, -68.9040, -39.8160

Square

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



149.7200, 60.2870, 25.2710



143.0430, 23.6630, -26.8730



118.8110, -101.6870, -34.8950



147.9230, -35.4910, 20.9650

Rectangle

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



149.7200, 60.2870, 25.2710



146.9860, 55.3410, -6.2510



118.8110, -101.6870, -34.8950



119.7010, -115.2160, -15.4720

Sweetspot

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



149.7200, 60.2870, 25.2710



230.1060, 20.4930, 8.5650



157.4890, 22.5940, 53.1060



112.8060, 12.4700, 5.2860



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.



149.7200, 60.2870, 25.2710



154.7230, 82.5680, 34.4720



173.3480, 51.6260, 0.5060



104.4030, 6.2350, 2.6430



54.3340, 100.0810, 41.9770



14.8080, 27.3240, 11.4200

Inverse Universe

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



149.7200, 60.2870, 25.2710



154.7230, 82.5680, 34.4720



166.6520, -51.6260, -0.5060



104.4030, 6.2350, 2.6430



54.3340, 100.0810, 41.9770



14.8080, 27.3240, 11.4200

Previews

White Background



This preview shows how the YIQ color 149.7200, 60.2870, 25.2710 looks on a white background.

Color Contrast Check

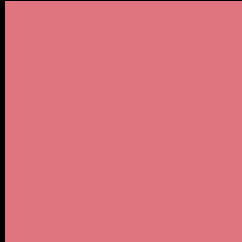
Large Text (above 18pt) WCAG AA ✓ Pass

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 149.7200, 60.2870, 25.2710 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 149.7200, 60.2870, 25.2710

Background



This preview shows how black text looks on a background with the YIQ color 149.7200, 60.2870, 25.2710.



This preview shows how white text looks on a background with the YIQ color 149.7200, 60.2870,

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

149.7200, 60.2870, 25.2710

Protanopia

149.3980, 4.6310, -1.3290

Deuteranopia

149.5760, 24.6210, -0.1710



Tritanopia

149.6060, 60.6080, 24.9600

Trichromacy



Original Color

149.7200, 60.2870, 25.2710

Protanomaly

149.1450, 24.7570, 8.3810

Deuteranomaly

149.7890, 37.5030, 8.6630

Tritanomaly

149.6060, 60.6080, 24.9600

Monochromacy



Original Color

149.7200, 60.2870, 25.2710

Achromatopsia

150.0000, -0.0000, -0.0000

Achromatomaly

150.0030, 22.2810, 9.2010

CSS Examples

Text

The CSS property to change the color of the text to YIQ 149.7200, 60.2870, 25.2710 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(223, 117, 126)` looks like.

```
.text, #text, p{  
    color:rgb(223, 117, 126)  
}
```

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(223, 117, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 117, 126) }
```

Border

The CSS property to change the border of an element to YIQ 149.7200, 60.2870, 25.2710 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(223, 117, 126) }
```


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

```
.border{ border-color:rgb(223, 117, 126) }
```

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

Here you see how a box with a 4 pixel rgb(223, 117, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 117, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 117, 126);  
box-shadow:4px 4px 4px 4px rgb(223, 117,  
126) }
```

Background

The CSS property to change the background color of an element to YIQ 149.7200, 60.2870, 25.2710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 117, 126) }
```

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

```
.background{ background-color: rgb(223,  
117, 126) }
```

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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