

Converting Colors

YIQ(149.5520, 60.7000, 23.2920)

Have a look what the booklet for
YIQ(149.5520, 60.7000, 23.2920)
contains.

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Color

**YIQ(149.5520, 60.7000,
23.2920)**

Conversions

Conversions Part 1

Format	Color
Hex	DE767A
RGB	222, 118, 122
RGB Percent	87%, 46%, 48%
CMY	0.1292, 0.5374, 0.5213
CMYK	0.00, 0.47, 0.45, 0.13
HSL	358°, 61%, 67%
HSV	358°, 47%, 87%
XYZ	40.1336, 29.8929, 22.0867
YIQ	149.5520, 60.7000, 23.2920

Conversions

Conversions Part 2

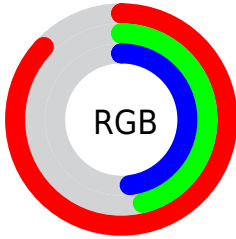
Format	Color
RYB	222, 118, 122
Decimal	14579322
CIELab	61.56, 40.79, 16.21
CIElCh	62, 43.898, 21.676
Yxy	29.8929, 0.4357, 0.3245
Android (android.graphics.Color)	4292769402 (0xFFDE767A)
YUV	149.5520, -13.5831, 63.5369
Hunter-Lab	54.6744, 35.3474, 14.3208

Details

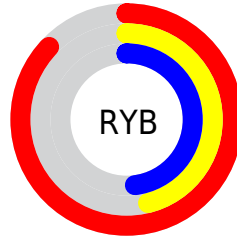
The YIQ color **149.5520, 60.7000, 23.2920** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **190.4480, -60.7000, -23.2920**, and the grayscale version is **150.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **197.0450, 48.8260, 18.2180**, and **95.8010, 55.5650, 22.7410** is the 20% darker color. If you saturate the color by 10%, you get **134.2440, 73.4910, 28.2670**, and if you desaturate by 10%, it is **164.8600, 47.9090, 18.3170**.

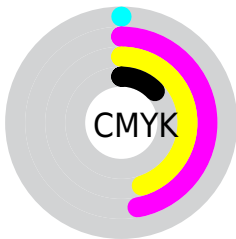
Distribution



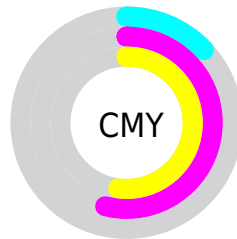
- Red (87%)
- Green (46%)
- Blue (48%)



- Red (87%)
- Yellow (46%)
- Blue (48%)



- Cyan (0%)
- Magenta (47%)
- Yellow (45%)
- Black (13%)



- Cyan (13%)
- Magenta (54%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 149.5520, 60.7000, 23.2920 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 149.5520, 60.7000, 23.2920 by changing the saturation by 10% instead.

■ 149.5520, 60.7000,
23.2920

■ 149.5520, 60.7000,
23.2920

255.0000, -0.0000,
-0.0000

■ 122.4700, 57.9950,
22.7550

■ 197.0450, 48.8260,
18.2180

■ 95.9150, 55.2440,
23.0520

■ 216.6730, 32.1380,
12.2820

■ 69.6590, 53.0890,
23.5610

■ 236.8880, 15.1750,
5.8230

■ 40.9840, 50.7960,
26.5720

■ 24.3050, 45.1580,
18.6140

■ 16.2600, 31.8630,
11.7590

■ 3.2890, 6.5560,

2.3320

■ 0.0000, 0.0000,
0.0000

■ 149.5520, 60.7000,
23.2920

■ 149.5520, 60.7000,
23.2920

■ 134.2440, 73.4910,
28.2670

■ 164.8600, 47.9090,
18.3170

■ 118.8220, 86.6030,
32.9310

■ 180.2820, 34.7970,
13.6530

■ 102.9270, 99.6690,
38.4290

■ 196.1770, 21.7310,
8.1550

■ 87.6190, 112.4600,
43.4040

■ 211.4850, 8.9400,
3.1800

■ 72.1970, 125.5720,
48.0680

■ 226.9070, -4.1720,
-1.4840

■ 67.4040, 129.4230,
49.8630

■ 242.2150,
-16.9630, -6.4590

■ 245.1330,
-19.6680, -6.9960

Harmonies

Analogous

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



151.3180, 44.2840, 34.4600



149.5520, 60.7000, 23.2920



148.3600, 60.5200, 4.5200

Triad

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



149.5520, 60.7000, 23.2920



136.8560, -18.4710, -34.2070



132.1720, -85.3250, -1.0130

Complementary

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



149.5520, 60.7000, 23.2920



190.4480, -60.7000, -23.2920

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.



120.6810, -112.4640, -21.2960



149.5520, 60.7000, 23.2920



119.8010, -78.5320, -41.5400

Square

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



149.5520, 60.7000, 23.2920



142.4770, 19.4450, -27.5230



118.6800, -102.6960, -33.1280



149.5000, -29.8060, 22.5620

Rectangle

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



149.5520, 60.7000, 23.2920



146.8500, 52.7280, -8.4560



118.6800, -102.6960, -33.1280



118.6410, -114.9870, -14.1150

Sweetspot

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



149.5520, 60.7000, 23.2920



229.9920, 20.8140, 8.2540



159.4570, 25.6200, 53.3320



112.6920, 12.7910, 4.9750



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.



149.5520, 60.7000, 23.2920



155.4410, 83.3020, 32.1820



176.6850, 49.0590, -2.5330



104.2890, 6.5560, 2.3320



53.4220, 102.6490, 39.4890



14.5800, 27.9660, 10.7980

Inverse Universe

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



149.5520, 60.7000, 23.2920



155.4410, 83.3020, 32.1820



163.3150, -49.0590, 2.5330



104.2890, 6.5560, 2.3320



53.4220, 102.6490, 39.4890



14.5800, 27.9660, 10.7980

Previews

White Background



This preview shows how the YIQ color 149.5520, 60.7000, 23.2920 looks on a white background.

Color Contrast Check

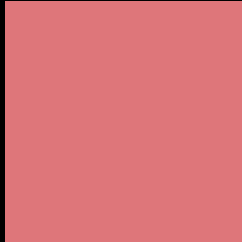
Large Text (above 18pt) WCAG AA ✓ Pass

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 149.5520, 60.7000, 23.2920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

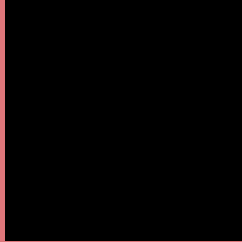
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 149.5520, 60.7000, 23.2920

Background



This preview shows how black text looks on a background with the YIQ color 149.5520, 60.7000, 23.2920.



This preview shows how white text looks on a background with the YIQ color 149.5520, 60.7000,

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

149.5520, 60.7000, 23.2920

Protanopia

149.4260, 7.4280, -2.4600

Deuteranopia

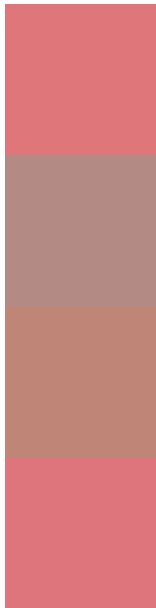
149.4190, 26.5010, -1.2030



Tritanopia

149.4210, 59.6910, 25.0590

Trichromacy



Original Color

149.5520, 60.7000, 23.2920

Protanomaly

149.5750, 26.3620, 6.8260

Deuteranomaly

149.3330, 38.7870, 7.4190

Tritanomaly

149.3070, 60.0120, 24.7480

Monochromacy



Original Color

149.5520, 60.7000, 23.2920

Achromatopsia

150.0000, -0.0000, -0.0000

Achromatomaly

149.5900, 22.0060, 8.6780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 149.5520, 60.7000, 23.2920 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(222, 118, 122)` looks like.

```
.text, #text, p{  
    color:rgb(222, 118, 122)  
}
```

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(222, 118, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 118, 122) }
```

Border

The CSS property to change the border of an element to YIQ 149.5520, 60.7000, 23.2920 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(222, 118, 122) }
```


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

```
.border{ border-color:rgb(222, 118, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 118, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 118, 122); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 118, 122); box-shadow:4px 4px 4px 4px rgb(222, 118, 122) }
```

Background

The CSS property to change the background color of an element to YIQ 149.5520, 60.7000, 23.2920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 118, 122) }
```

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

```
.background{ background-color: rgb(222,  
118, 122) }
```

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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