

Converting Colors

YIQ(155.9980, 56.2080, 16.5920)

Have a look what the booklet for
YIQ(155.9980, 56.2080, 16.5920)
contains.

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Color

**YIQ(155.9980, 56.2080,
16.5920)**

Conversions

Conversions Part 1

Format	Color
Hex	DC827A
RGB	220, 130, 122
RGB Percent	86%, 51%, 48%
CMY	0.1370, 0.4903, 0.5213
CMYK	0.00, 0.41, 0.45, 0.14
HSL	5°, 58%, 67%
HSV	5°, 45%, 86%
XYZ	41.0254, 32.5858, 22.5588
YIQ	155.9980, 56.2080, 16.5920

Conversions

Conversions Part 2

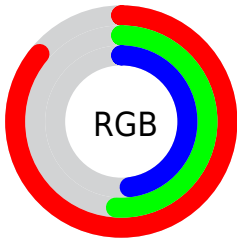
Format	Color
R_{YB}	220, 131, 122
Decimal	14451322
CIE Lab	63.82, 33.80, 19.28
CIE LCh	64, 38.914, 29.705
Yxy	32.5858, 0.4266, 0.3388
Android (android.graphics.Color)	4292641402 (0xFFDC827A)
YUV	155.9980, -16.7610, 56.1298
Hunter-Lab	57.0839, 28.3886, 16.5282

Details

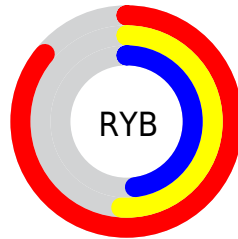
The YIQ color **155.9980, 56.2080, 16.5920** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **186.0020, -56.2080, -16.5920**, and the grayscale version is **156.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **204.0890, 45.5260, 11.9420**, and **103.1330, 51.3940, 15.7300** is the 20% darker color. If you saturate the color by 10%, you get **141.7500, 68.7700, 20.2100**, and if you desaturate by 10%, it is **170.2460, 43.6460, 12.9740**.

Distribution



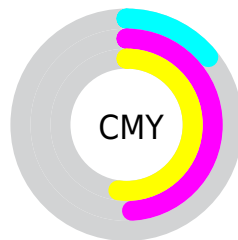
- Red (86%)
- Green (51%)
- Blue (48%)



- Red (86%)
- Yellow (51%)
- Blue (48%)



- Cyan (0%)
- Magenta (41%)
- Yellow (45%)
- Black (14%)





- Cyan (14%)
- Magenta (49%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 155.9980, 56.2080, 16.5920 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 155.9980, 56.2080, 16.5920 by changing the saturation by 10% instead.


 155.9980, 56.2080,
16.5920


 155.9980, 56.2080,
16.5920


255.0000, -0.0000,
-0.0000


 129.2150, 54.0990,
16.2670


 204.0890, 45.5260,
11.9420


 103.1330, 51.3940,
15.7300


 223.7170, 28.8380,
6.0060

 77.5780, 48.6430,
16.0270

 243.9320, 11.8750,
-0.4530

 52.7240, 45.2960,
16.1120

 25.4790, 44.6080,
17.5680

 15.8470, 31.5880,
11.2360

 5.0830, 10.1320,

3.6040

■ 0.0000, 0.0000,
0.0000

■ 155.9980, 56.2080,
16.5920

■ 155.9980, 56.2080,
16.5920

■ 141.7500, 68.7700,
20.2100

■ 170.2460, 43.6460,
12.9740

■ 127.5020, 81.3320,
23.8280

■ 184.4940, 31.0840,
9.3560

■ 112.6670, 94.1690,
27.9690

■ 199.3290, 18.2470,
5.2150

■ 98.4190, 106.7310,
31.5870

■ 213.5770, 5.6850,
1.5970

■ 84.1710, 119.2930,
35.2050

■ 227.8250, -6.8770,
-2.0210

■ 76.3460, 126.1700,
37.2260

■ 242.0730,
-19.4390, -5.6390

■ 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.



157.8140, 45.5230, 28.5230



155.9980, 56.2080, 16.5920



154.4190, 52.8640, 0.0960

Triad

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



155.9980, 56.2080, 16.5920



142.8430, -25.6240, -31.2240



148.1820, -55.7540, 8.2300

Complementary

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



155.9980, 56.2080, 16.5920



186.0020, -56.2080, -16.5920

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.



122.4250, -114.6190, -20.7870



155.9980, 56.2080, 16.5920



131.5510, -71.6560, -33.9920

Square

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



155.9980, 56.2080, 16.5920



148.4420, 9.3580, -26.4340



122.3960, -107.6480, -31.4880



157.1550, -15.5930, 23.7910

Rectangle

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



155.9980, 56.2080, 16.5920



152.5930, 43.1460, -11.0140



122.3960, -107.6480, -31.4880



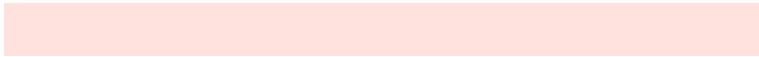
143.4250, -69.9200, 0.6400

Sweetspot

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



155.9980, 56.2080, 16.5920



233.6280, 18.8430, 5.4270



161.7900, 28.8760, 49.3880



114.4530, 11.9660, 3.4060



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.



155.9980, 56.2080, 16.5920



166.8220, 77.4350, 22.8670



184.1740, 43.0080, -8.5120



102.8760, 6.2810, 1.8090



59.9450, 99.2580, 29.3540



16.1020, 26.3160, 7.6600

Inverse Universe

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



186.0020, -56.2080, -16.5920



208.1780, -77.4350, -22.8670



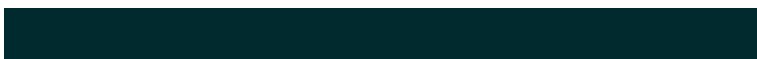
158.4130, -43.2830, 7.9890



106.1240, -6.2810, -1.8090



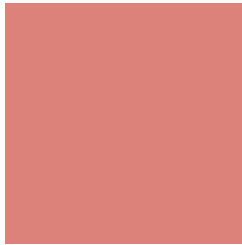
113.0550, -99.2580, -29.3540



29.8980, -26.3160, -7.6600

Previews

White Background



This preview shows how the YIQ color 155.9980, 56.2080, 16.5920 looks on a white background.

Color Contrast Check

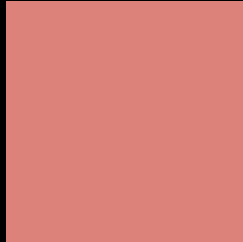
Large Text (above 18pt) WCAG AA × Fail

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 155.9980, 56.2080, 16.5920 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 155.9980, 56.2080, 16.5920

Background



This preview shows how black text looks on a background with the YIQ color 155.9980, 56.2080, 16.5920.



This preview shows how white text looks on a background with the YIQ color 155.9980, 56.2080,

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

155.9980, 56.2080, 16.5920

Protanopia

154.9980, 11.5090, -4.8350

Deuteranopia

155.4470, 29.2980, -2.3340



Tritanopia

156.8330, 52.5390, 22.5150

Trichromacy



Original Color

155.9980, 56.2080, 16.5920

Protanomaly

155.5380, 27.7840, 3.0800

Deuteranomaly

155.6380, 39.2460, 4.6060

Tritanomaly

156.8500, 53.8690, 20.4370

Monochromacy



Original Color

155.9980, 56.2080, 16.5920

Achromatopsia

156.0000, -0.0000, -0.0000

Achromatomaly

156.2260, 20.0350, 5.8510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 155.9980, 56.2080, 16.5920 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, 130, 122)` looks like.

```
.text, #text, p{  
    color:rgb(220, 130, 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(220, 130, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 130, 122) }
```

Border

The CSS property to change the border of an element to YIQ 155.9980, 56.2080, 16.5920 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, 130, 122) }
```


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

```
.border{ border-color:rgb(220, 130, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 130, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 130, 122); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 130, 122); box-shadow:4px 4px 4px 4px rgb(220, 130, 122) }
```

Background

The CSS property to change the background color of an element to YIQ 155.9980, 56.2080, 16.5920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 130, 122) }
```

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

```
.background{ background-color: rgb(220,  
130, 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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