

Converting Colors

YIQ(159.3340, 55.3820, 20.5500)

Have a look what the booklet for
YIQ(159.3340, 55.3820, 20.5500)
contains.

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Color

**YIQ(159.3340, 55.3820,
20.5500)**

Conversions

Conversions Part 1

Format	Color
Hex	E18385
RGB	225, 131, 133
RGB Percent	88%, 51%, 52%
CMY	0.1174, 0.4864, 0.4782
CMYK	0.00, 0.42, 0.41, 0.12
HSL	359°, 61%, 70%
HSV	359°, 42%, 88%
XYZ	43.4177, 33.9338, 26.4720
YIQ	159.3340, 55.3820, 20.5500

Conversions

Conversions Part 2

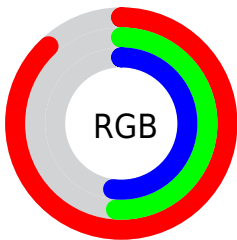
Format	Color
R _Y B	225, 131, 133
Decimal	14779269
CIE Lab	64.91, 36.33, 14.67
CIE LCh	65, 39.178, 21.996
Yxy	33.9338, 0.4182, 0.3268
Android (android.graphics.Color)	4292969349 (0xFFE18385)
YUV	159.3340, -12.9827, 57.5891
Hunter-Lab	58.2527, 31.0999, 13.8335

Details

The YIQ color **159.3340, 55.3820, 20.5500** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **196.6660, -55.3820, -20.5500**, and the grayscale version is **159.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **206.0440, 41.3990, 15.1510**, and **105.8820, 50.8430, 20.2110** is the 20% darker color. If you saturate the color by 10%, you get **143.3250, 68.7690, 25.7370**, and if you desaturate by 10%, it is **174.7560, 42.2700, 15.8860**.

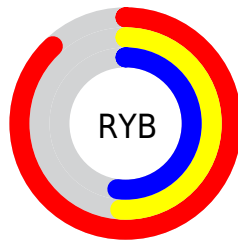
Distribution



Red (88%)

Green (51%)

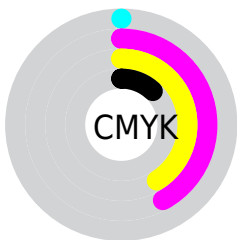
Blue (52%)



Red (88%)

Yellow (51%)

Blue (52%)

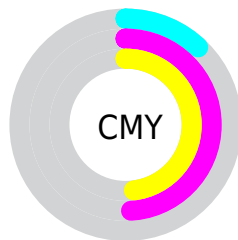


Cyan (0%)

Magenta (42%)

Yellow (41%)

Black (12%)



Cyan (12%)


Magenta (49%)

Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 159.3340, 55.3820, 20.5500 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 159.3340, 55.3820, 20.5500 by changing the saturation by 10% instead.

 159.3340, 55.3820,
20.5500


 159.3340, 55.3820,
20.5500


255.0000, -0.0000,
-0.0000

 132.5510, 53.2730,
20.2250


 206.0440, 41.3990,
15.1510


 105.8820, 50.8430,
20.2110


 225.6720, 24.7110,
9.2150

 79.9140, 47.8170,
19.9850

 245.8870, 7.7480,
2.7560

 54.6580, 45.6620,
20.4940

 26.9830, 43.3690,
23.5050

 17.0430, 33.9720,
12.0840

 8.4860, 16.3670,

6.2470

■ 0.0000, 0.0000,
0.0000

■ 159.3340, 55.3820,
20.5500

■ 159.3340, 55.3820,
20.5500

■ 143.3250, 68.7690,
25.7370

■ 174.7560, 42.2700,
15.8860

■ 127.9030, 81.8810,
30.4010

■ 190.7650, 28.8830,
10.6990

■ 111.8940, 95.2680,
35.5880

■ 206.1870, 15.7710,
6.0350

■ 96.4720, 108.3800,
40.2520

■ 222.1960, 2.3840,
0.8480

■ 80.4630, 121.7670,
45.4390

■ 237.6180,
-10.7280, -3.8160

■ 67.8450, 132.4950,
49.2550

■ 246.0300,
-17.8800, -6.3600

Harmonies

Analogous

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



160.9430, 40.8460, 30.6860



159.3340, 55.3820, 20.5500



157.7230, 55.0640, 4.2800

Triad

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



159.3340, 55.3820, 20.5500



147.0460, -15.9500, -30.3340



147.4470, -66.9860, 2.5340

Complementary

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



159.3340, 55.3820, 20.5500



196.6660, -55.3820, -20.5500

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.



125.1320, -115.3520, -24.0240



159.3340, 55.3820, 20.5500



138.0210, -58.3600, -32.6640

Square

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



159.3340, 55.3820, 20.5500



152.1010, 17.7480, -24.3000



124.1740, -107.1430, -35.1350



158.4850, -25.4500, 20.7100

Rectangle

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



159.3340, 55.3820, 20.5500



156.4520, 48.0970, -7.1270



124.1740, -107.1430, -35.1350



141.0920, -82.3440, -5.4800

Sweetspot

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



159.3340, 55.3820, 20.5500



231.9810, 19.3470, 7.3070



168.9250, 24.0620, 48.5260



113.3930, 12.1950, 4.7630



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.



159.3340, 55.3820, 20.5500



166.2010, 75.0500, 27.5460



184.9340, 43.9240, -3.0840



104.2890, 6.5560, 2.3320



53.0800, 103.6120, 38.5560



14.4660, 28.2870, 10.4870

Inverse Universe

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



159.3340, 55.3820, 20.5500



166.2010, 75.0500, 27.5460



171.0660, -43.9240, 3.0840



104.2890, 6.5560, 2.3320



53.0800, 103.6120, 38.5560



14.4660, 28.2870, 10.4870

Previews

White Background



This preview shows how the YIQ color 159.3340, 55.3820, 20.5500 looks on a white background.

Color Contrast Check

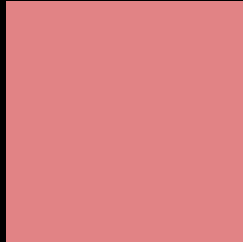
Large Text (above 18pt) WCAG AA × Fail

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 159.3340, 55.3820, 20.5500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

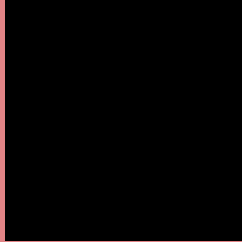
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 159.3340, 55.3820, 20.5500

Background



This preview shows how black text looks on a background with the YIQ color 159.3340, 55.3820, 20.5500.



This preview shows how white text looks on a background with the YIQ color 159.3340, 55.3820,

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

159.3340, 55.3820, 20.5500

Protanopia

157.6540, 6.7860, -1.8380

Deuteranopia

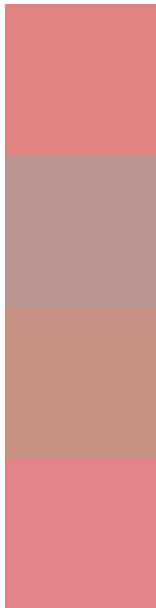
158.6470, 25.8590, -0.5810



Tritanopia

159.8440, 54.0060, 23.4620

Trichromacy



Original Color

159.3340, 55.3820, 20.5500

Protanomaly

158.6780, 24.5740, 6.1900

Deuteranomaly

158.5500, 36.6780, 7.0940

Tritanomaly

159.5020, 54.9690, 22.5290

Monochromacy



Original Color

159.3340, 55.3820, 20.5500

Achromatopsia

159.0000, -0.0000, 0.0000

Achromatomaly

159.2800, 19.9430, 7.5190

CSS Examples

Text

The CSS property to change the color of the text to YIQ 159.3340, 55.3820, 20.5500 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(225, 131, 133)` looks like.

```
.text, #text, p{  
    color:rgb(225, 131, 133)  
}
```

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(225, 131, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 131, 133) }
```

Border

The CSS property to change the border of an element to YIQ 159.3340, 55.3820, 20.5500 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(225, 131, 133) }
```


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

```
.border{ border-color:rgb(225, 131, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 131, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 131, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 131, 133);  
box-shadow:4px 4px 4px 4px rgb(225, 131,  
133) }
```

Background

The CSS property to change the background color of an element to YIQ 159.3340, 55.3820, 20.5500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 131, 133) }
```

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

```
.background{ background-color: rgb(225,  
131, 133) }
```

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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