

Converting Colors

YIQ(179.8730, 55.0620, 15.3340)

Have a look what the booklet for
YIQ(179.8730, 55.0620, 15.3340)
contains.

YIQ(179.8730, 55.0620, 15.3340)	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(179.8730, 55.0620,
15.3340)**

Conversions

Conversions Part 1

Format	Color
Hex	F29B91
RGB	242, 155, 145
RGB Percent	95%, 61%, 57%
CMY	0.0508, 0.3923, 0.4311
CMYK	0.00, 0.36, 0.40, 0.05
HSL	6°, 79%, 76%
HSV	6°, 40%, 95%
XYZ	53.4661, 44.3629, 32.5563
YIQ	179.8730, 55.0620, 15.3340

Conversions

Conversions Part 2

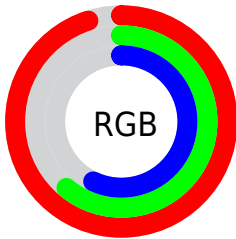
Format	Color
R _Y B	242, 156, 145
Decimal	15899537
CIE Lab	72.47, 31.41, 18.80
CIE LCh	72, 36.604, 30.899
Yxy	44.3629, 0.4101, 0.3402
Android (android.graphics.Color)	4294089617 (0xFFFF29B91)
YUV	179.8730, -17.1924, 54.4854
Hunter-Lab	66.6055, 26.7272, 17.6433

Details

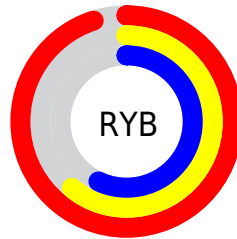
The YIQ color **179.8730, 55.0620, 15.3340** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **207.1270, -55.0620, -15.3340**, and the grayscale version is **180.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **222.2010, 30.3510, 6.1190**, and **126.0080, 50.2480, 14.4720** is the 20% darker color. If you saturate the color by 10%, you get **164.2230, 68.8160, 19.3760**, and if you desaturate by 10%, it is **195.5230, 41.3080, 11.2920**.

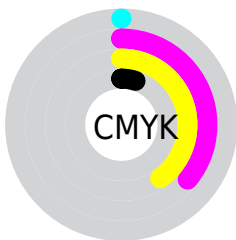
Distribution



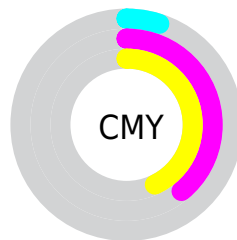
- Red (95%)
- Green (61%)
- Blue (57%)



- Red (95%)
- Yellow (61%)
- Blue (57%)



- Cyan (0%)
- Magenta (36%)
- Yellow (40%)
- Black (5%)




- Cyan (5%)
- Magenta (39%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 179.8730, 55.0620, 15.3340 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 179.8730, 55.0620, 15.3340 by changing the saturation by 10% instead.

 179.8730, 55.0620,
15.3340


 179.8730, 55.0620,
15.3340


255.0000, -0.0000,
-0.0000


 152.0900, 52.9530,
15.0090


 222.2010, 30.3510,
6.1190


 126.0080, 50.2480,
14.4720

 242.4160, 13.3880,
-0.3400

 100.2250, 48.1390,
14.1470

 74.5560, 45.7090,
14.1330

 49.7020, 42.3620,
14.2180

 23.8160, 42.0410,
14.5290

 14.3520, 28.6080,

10.1760

■ 0.0000, 0.0000,
0.0000

■ 179.8730, 55.0620,
15.3340

■ 179.8730, 55.0620,
15.3340

■ 164.2230, 68.8160,
19.3760

■ 195.5230, 41.3080,
11.2920

■ 149.1600, 82.2950,
22.8950

■ 210.5860, 27.8290,
7.7730

■ 133.3960, 96.3700,
26.6260

■ 226.3500, 13.7540,
4.0420

■ 117.7460,
110.1240, 30.6680

■ 242.0000, -0.0000,
0.0000

■ 102.0960,
123.8780, 34.7100

■ 251.1130, -7.7480,
-2.7560

■ 87.0330, 137.3570,
38.2290

Harmonies

Analogous

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



181.5750, 44.6980, 26.9540



179.8730, 55.0620, 15.3340



177.8210, 51.6720, -0.3280

Triad

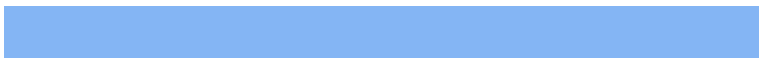
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



179.8730, 55.0620, 15.3340



166.7830, -25.3950, -29.8670



173.5310, -49.4270, 9.2050

Complementary

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



179.8730, 55.0620, 15.3340



207.1270, -55.0620, -15.3340

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.



161.6420, -81.1970, -9.7490



179.8730, 55.0620, 15.3340



159.8620, -62.1660, -29.7660

Square

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



179.8730, 55.0620, 15.3340



171.7840, 8.3950, -25.5010



153.7680, -90.9600, -25.5520



180.7100, -12.8420, 23.4940

Rectangle

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



179.8730, 55.0620, 15.3340



176.2230, 41.3120, -10.8160



153.7680, -90.9600, -25.5520



169.7960, -60.6590, 3.5090

Sweetspot

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



179.8730, 55.0620, 15.3340



235.6170, 17.3760, 4.4800



183.9210, 29.8850, 47.6210



115.9690, 10.4530, 3.2930



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.



179.8730, 55.0620, 15.3340



176.5220, 69.4120, 19.5880



208.0490, 41.8620, -9.7700



112.1750, 6.8770, 2.0210



66.1690, 104.4390, 29.0710



20.2660, 31.7260, 8.7340

Inverse Universe

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



207.1270, -55.0620, -15.3340



210.8910, -69.1370, -19.0650



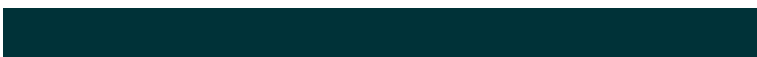
178.9510, -41.8620, 9.7700



115.8250, -6.8770, -2.0210



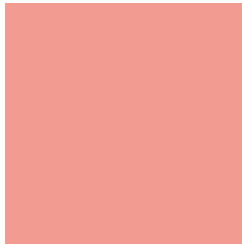
117.8310, -104.4390, -29.0710



35.7340, -31.7260, -8.7340

Previews

White Background



This preview shows how the YIQ color 179.8730, 55.0620, 15.3340 looks on a white background.

Color Contrast Check

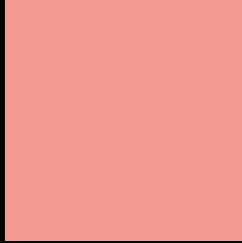
Large Text (above 18pt) WCAG AA × Fail

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 179.8730, 55.0620, 15.3340 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 179.8730, 55.0620, 15.3340

Background



This preview shows how black text looks on a background with the YIQ color 179.8730, 55.0620, 15.3340.



This preview shows how white text looks on a background with the YIQ color 179.8730, 55.0620,

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

179.8730, 55.0620, 15.3340

Protanopia

177.8840, 11.8300, -5.1460

Deuteranopia

178.7570, 31.3610, -1.1750



Tritanopia

180.8760, 50.9800, 23.2360

Trichromacy



Original Color

179.8730, 55.0620, 15.3340

Protanomaly

178.7120, 27.2340, 2.0340

Deuteranomaly

178.9370, 39.8420, 4.8180

Tritanomaly

180.3660, 52.3560, 20.3240

Monochromacy



Original Color

179.8730, 55.0620, 15.3340

Achromatopsia

180.0000, -0.0000, -0.0000

Achromatomaly

180.1120, 20.3560, 5.5400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 179.8730, 55.0620, 15.3340 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(242, 155, 145)` looks like.

```
.text, #text, p{  
    color:rgb(242, 155, 145)  
}
```

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(242, 155, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 155, 145) }
```

Border

The CSS property to change the border of an element to YIQ 179.8730, 55.0620, 15.3340 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(242, 155, 145) }
```


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

```
.border{ border-color:rgb(242, 155, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 155, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 155, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 155, 145);  
box-shadow:4px 4px 4px 4px rgb(242, 155,  
145) }
```

Background

The CSS property to change the background color of an element to YIQ 179.8730, 55.0620, 15.3340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 155, 145) }
```

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

```
.background{ background-color: rgb(242,  
155, 145) }
```

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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