

Converting Colors

YIQ(151.3480, 69.9620, 20.6340)

Have a look what the booklet for
YIQ(151.3480, 69.9620, 20.6340)
contains.

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Color

**YIQ(151.3480, 69.9620,
20.6340)**

Conversions

Conversions Part 1

Format	Color
Hex	E7776D
RGB	231, 119, 109
RGB Percent	91%, 47%, 43%
CMY	0.0939, 0.5335, 0.5723
CMYK	0.00, 0.49, 0.53, 0.09
HSL	5°, 72%, 67%
HSV	5°, 53%, 91%
XYZ	42.3319, 31.2881, 18.2966
YIQ	151.3480, 69.9620, 20.6340

Conversions

Conversions Part 2

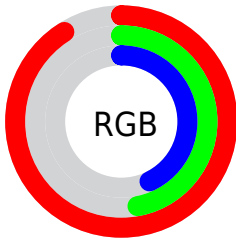
Format	Color
R _Y B	231, 120, 109
Decimal	15169389
CIE Lab	62.75, 42.40, 25.41
CIE LCh	63, 49.430, 30.935
Yxy	31.2881, 0.4605, 0.3404
Android (android.graphics.Color)	4293359469 (0xFFE7776D)
YUV	151.3480, -20.8776, 69.8548
Hunter-Lab	55.9358, 37.2002, 19.7612

Details

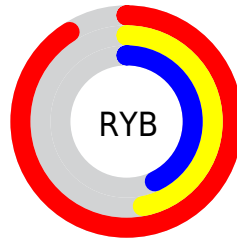
The YIQ color **151.3480, 69.9620, 20.6340** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **188.6520, -69.9620, -20.6340**, and the grayscale version is **152.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **196.1500, 52.7240, 13.6520**, and **97.4120, 63.9100, 20.1820** is the 20% darker color. If you saturate the color by 10%, you get **136.3990, 83.1200, 24.4640**, and if you desaturate by 10%, it is **166.2970, 56.8040, 16.8040**.

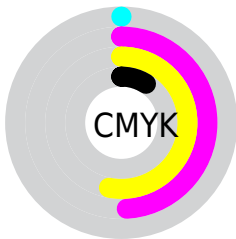
Distribution



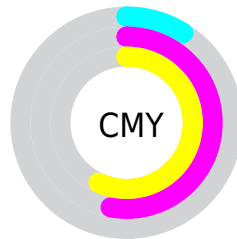
- Red (91%)
- Green (47%)
- Blue (43%)



- Red (91%)
- Yellow (47%)
- Blue (43%)



- Cyan (0%)
- Magenta (49%)
- Yellow (53%)
- Black (9%)





- Cyan (9%)
- Magenta (53%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 151.3480, 69.9620, 20.6340 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 151.3480, 69.9620, 20.6340 by changing the saturation by 10% instead.


 151.3480, 69.9620,
20.6340


 151.3480, 69.9620,
20.6340


255.0000, -0.0000,
-0.0000


 124.3800, 66.9360,
20.4080


 196.1500, 52.7240,
13.6520

 97.4120, 63.9100,
20.1820


 215.6640, 36.3570,
7.4050


 70.9710, 60.8380,
20.7900

 235.7650, 19.7150,
0.6350

 41.2360, 58.7740,
25.1580

 253.7460, 3.5310,
-3.4210

 25.4150, 50.6600,
18.0200

 17.1570, 33.6510,
12.3950

 6.8770, 13.7080,

4.8760

■ 0.0000, 0.0000,
0.0000

■ 151.3480, 69.9620,
20.6340

■ 151.3480, 69.9620,
20.6340

■ 136.3990, 83.1200,
24.4640

■ 166.2970, 56.8040,
16.8040

■ 120.8630, 96.5530,
28.8170

■ 181.2460, 43.6460,
12.9740

■ 105.9140,
109.7110, 32.6470

■ 196.7820, 30.2130,
8.6210

■ 90.9650, 122.8690,
36.4770

■ 211.8450, 16.7340,
5.1020

■ 80.2220, 132.4510,
39.0350

■ 226.7940, 3.5760,
1.2720

■ 241.7430, -9.5820,
-2.5580

■ 247.8240,
-14.3040, -5.0880

Harmonies

Analogous

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



153.3150, 57.5340, 36.6220



151.3480, 69.9620, 20.6340



150.2970, 64.8310, -2.0250

Triad

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



151.3480, 69.9620, 20.6340



133.5160, -38.1850, -40.3690



139.1500, -79.0910, 7.1570

Complementary

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



151.3480, 69.9620, 20.6340



188.6520, -69.9620, -20.6340

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.



124.0210, -119.1130, -16.4330



151.3480, 69.9620, 20.6340



119.4660, -96.6420, -43.7300

Square

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



151.3480, 69.9620, 20.6340



142.5850, 10.0930, -34.2510



123.8950, -110.4910, -29.5230



154.7020, -18.3910, 30.4490

Rectangle

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



151.3480, 69.9620, 20.6340



148.6940, 52.8670, -16.4850



123.8950, -110.4910, -29.5230



121.0520, -120.3980, -9.6620

Sweetspot

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



151.3480, 69.9620, 20.6340



228.6070, 23.3360, 6.6000



158.4740, 36.1180, 61.3180



111.6490, 14.3500, 4.2540



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.



151.3480, 69.9620, 20.6340



149.7700, 92.3810, 27.3330



185.9810, 53.7370, -10.2230



107.1750, 6.8770, 2.0210



61.7390, 102.8340, 30.6260



17.5970, 29.2960, 8.7200

Inverse Universe

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



188.6520, -69.9620, -20.6340



199.2300, -92.3810, -27.3330



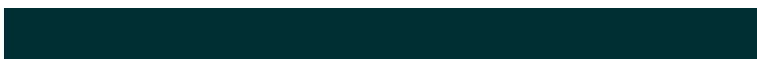
154.0190, -53.7370, 10.2230



110.8250, -6.8770, -2.0210



116.6740, -102.5590, -30.1030



33.4030, -29.2960, -8.7200

Previews

White Background



This preview shows how the YIQ color 151.3480, 69.9620, 20.6340 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 151.3480, 69.9620, 20.6340 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 151.3480, 69.9620, 20.6340

Background



This preview shows how black text looks on a background with the YIQ color 151.3480, 69.9620, 20.6340.



This preview shows how white text looks on a background with the YIQ color 151.3480, 69.9620,

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

151.3480, 69.9620, 20.6340

Protanopia

151.4990, 14.3520, -6.8000

Deuteranopia

151.9760, 34.9380, -5.4300



Tritanopia

152.2970, 65.9720, 26.8680

Trichromacy



Original Color

151.3480, 69.9620, 20.6340

Protanomaly

151.3600, 34.1570, 3.2210

Deuteranomaly

151.7160, 47.7740, 4.2380

Tritanomaly

152.2000, 67.6230, 24.4790

Monochromacy



Original Color

151.3480, 69.9620, 20.6340

Achromatopsia

151.0000, -0.0000, 0.0000

Achromatomaly

150.9170, 25.3990, 7.7590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 151.3480, 69.9620, 20.6340 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(231, 119, 109)` looks like.

```
.text, #text, p{  
    color:rgb(231, 119, 109)  
}
```

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(231, 119, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 119, 109) }
```

Border

The CSS property to change the border of an element to YIQ 151.3480, 69.9620, 20.6340 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(231, 119, 109) }
```


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

```
.border{ border-color:rgb(231, 119, 109) }
```

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

Here you see how a box with a 4 pixel rgb(231, 119, 109) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 119, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 119, 109);  
box-shadow:4px 4px 4px 4px rgb(231, 119,  
109) }
```

Background

The CSS property to change the background color of an element to YIQ 151.3480, 69.9620, 20.6340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 119, 109) }
```

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

```
.background{ background-color: rgb(231,  
119, 109) }
```

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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