

Converting Colors

YIQ(171.2340, 61.1150, 10.2590)

Have a look what the booklet for
YIQ(171.2340, 61.1150, 10.2590)
contains.

YIQ(171.2340, 61.1150, 10.2590)	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(171.2340, 61.1150,
10.2590)**

Conversions

Conversions Part 1

Format	Color
Hex	EC9479
RGB	236, 148, 121
RGB Percent	93%, 58%, 47%
CMY	0.0743, 0.4197, 0.5252
CMYK	0.00, 0.37, 0.49, 0.07
HSL	14°, 75%, 70%
HSV	14°, 49%, 93%
XYZ	48.6478, 40.3916, 23.3431
YIQ	171.2340, 61.1150, 10.2590

Conversions

Conversions Part 2

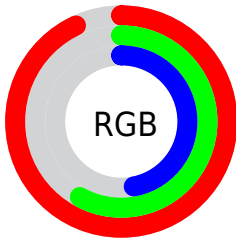
Format	Color
R _Y B	236, 156, 121
Decimal	15504505
CIE Lab	69.75, 30.35, 28.14
CIE LCh	70, 41.391, 42.832
Yxy	40.3916, 0.4329, 0.3594
Android (android.graphics.Color)	4293694585 (0xFFEC9479)
YUV	171.2340, -24.7654, 56.7998
Hunter-Lab	63.5544, 25.4129, 22.7112

Details

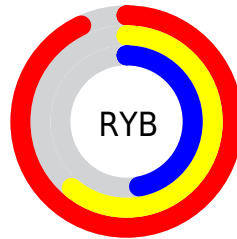
The YIQ color **171.2340, 61.1150, 10.2590** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **185.7660, -61.1150, -10.2590**, and the grayscale version is **171.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **215.2420, 40.3010, 2.0050**, and **117.4830, 55.9800, 9.7080** is the 20% darker color. If you saturate the color by 10%, you get **157.9320, 73.7690, 12.2090**, and if you desaturate by 10%, it is **184.5360, 48.4610, 8.3090**.

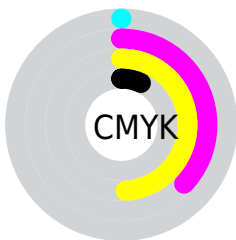
Distribution



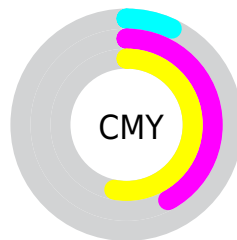
- Red (93%)
- Green (58%)
- Blue (47%)



- Red (93%)
- Yellow (61%)
- Blue (47%)



- Cyan (0%)
- Magenta (37%)
- Yellow (49%)
- Black (7%)





- Cyan (7%)
- Magenta (42%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 171.2340, 61.1150, 10.2590 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 171.2340, 61.1150, 10.2590 by changing the saturation by 10% instead.


 171.2340, 61.1150,
10.2590


 171.2340, 61.1150,
10.2590


255.0000, -0.0000,
-0.0000

 144.1520, 58.4100,
9.7220


 215.2420, 40.3010,
2.0050


 117.4830, 55.9800,
9.7080

 234.7560, 23.9340,
-4.2420

 92.1020, 52.6790,
8.9590

 252.0360, 8.3460,
-8.0860

 67.1340, 49.6530,
8.7330

 41.3510, 47.5440,
8.4080

 19.4350, 38.7400,
13.7800

 12.6720, 24.7110,

9.2150

■ 0.0000, 0.0000,
0.0000

■ 171.2340, 61.1150,
10.2590

■ 171.2340, 61.1150,
10.2590

■ 157.9320, 73.7690,
12.2090

■ 184.5360, 48.4610,
8.3090

■ 144.7440, 86.1020,
14.4700

■ 197.7240, 36.1280,
6.0480

■ 131.4420, 98.7560,
16.4200

■ 211.0260, 23.4740,
4.0980

■ 118.2540,
111.0890, 18.6810

■ 224.2140, 11.1410,
1.8370

■ 104.9520,
123.7430, 20.6310

■ 237.5160, -1.5130,
-0.1130

■ 102.8490,
125.5310, 21.2670

■ 249.3190,
-11.3240, -4.0280

Harmonies

Analogous

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



173.2080, 55.9770, 26.2890



171.2340, 61.1150, 10.2590



169.4800, 50.8940, -8.2580

Triad

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



171.2340, 61.1150, 10.2590



153.7140, -47.3100, -34.6860



169.0640, -40.4420, 17.0780

Complementary

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



171.2340, 61.1150, 10.2590



185.7660, -61.1150, -10.2590

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.



153.4660, -86.3330, -4.7730



171.2340, 61.1150, 10.2590



132.7340, -111.9560, -41.5240

Square

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



171.2340, 61.1150, 10.2590



161.3800, -5.2670, -31.2110



135.4360, -122.3200, -29.9040



175.0540, 1.0490, 30.5610

Rectangle

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



171.2340, 61.1150, 10.2590



167.0280, 37.1870, -18.6610



135.4360, -122.3200, -29.9040



165.0620, -55.2960, 10.9440

Sweetspot

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



171.2340, 61.1150, 10.2590



233.6450, 20.1730, 3.3490



165.4170, 40.2920, 51.7480



114.8120, 12.3330, 2.2610



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.



171.2340, 61.1150, 10.2590



171.7970, 78.5830, 13.0710



204.6930, 45.4400, -19.5520



110.4630, 6.0060, 1.2860



78.7730, 96.3260, 16.4060



23.7770, 28.6090, 4.6490

Inverse Universe

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



185.7660, -61.1150, -10.2590



190.2030, -78.5830, -13.0710



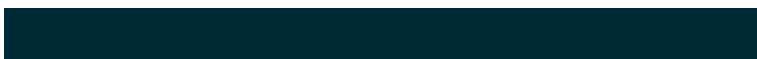
152.3070, -45.4400, 19.5520



112.5370, -6.0060, -1.2860



102.2270, -96.3260, -16.4060



30.2230, -28.6090, -4.6490

Previews

White Background



This preview shows how the YIQ color 171.2340, 61.1150, 10.2590 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 171.2340, 61.1150, 10.2590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

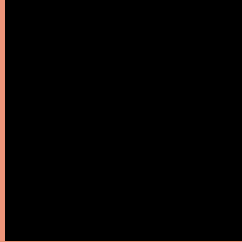
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 171.2340, 61.1150, 10.2590

Background



This preview shows how black text looks on a background with the YIQ color 171.2340, 61.1150, 10.2590.



This preview shows how white text looks on a background with the YIQ color 171.2340, 61.1150,

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

171.2340, 61.1150, 10.2590

Protanopia

169.7290, 19.3960, -10.1080

Deuteranopia

170.1290, 38.8810, -5.3030



Tritanopia

172.9580, 53.6850, 23.7730

Trichromacy



Original Color

171.2340, 61.1150, 10.2590

Protanomaly

170.5570, 34.8000, -2.9280

Deuteranomaly

170.8960, 47.0870, 0.1670

Tritanomaly

172.4650, 56.3910, 18.7830

Monochromacy



Original Color

171.2340, 61.1150, 10.2590

Achromatopsia

171.0000, -0.0000, -0.0000

Achromatomaly

171.4280, 22.2820, 3.6740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 171.2340, 61.1150, 10.2590 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(236, 148, 121)` looks like.

```
.text, #text, p{  
    color:rgb(236, 148, 121)  
}
```

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(236, 148, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 148, 121) }
```

Border

The CSS property to change the border of an element to YIQ 171.2340, 61.1150, 10.2590 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(236, 148, 121) }
```


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

```
.border{ border-color:rgb(236, 148, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 148, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 148, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 148, 121);  
box-shadow:4px 4px 4px 4px rgb(236, 148,  
121) }
```

Background

The CSS property to change the background color of an element to YIQ 171.2340, 61.1150, 10.2590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 148, 121) }
```

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

```
.background{ background-color: rgb(236,  
148, 121) }
```

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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