

Converting Colors

YIQ(190.4360, 36.9990, 6.7830)

Have a look what the booklet for
YIQ(190.4360, 36.9990, 6.7830)
contains.

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Color

**YIQ(190.4360, 36.9990,
6.7830)**

Conversions

Conversions Part 1

Format	Color
Hex	E6B0A1
RGB	230, 176, 161
RGB Percent	90%, 69%, 63%
CMY	0.0979, 0.3099, 0.3685
CMYK	0.00, 0.23, 0.30, 0.10
HSL	13°, 58%, 77%
HSV	13°, 30%, 90%
XYZ	54.6003, 50.4444, 40.5959
YIQ	190.4360, 36.9990, 6.7830

Conversions

Conversions Part 2

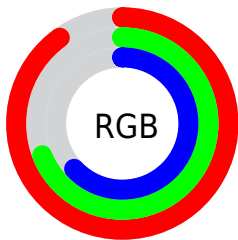
Format	Color
R _Y B	230, 180, 161
Decimal	15118497
CIE Lab	76.34, 17.62, 15.26
CIE LCh	76, 23.312, 40.894
Yxy	50.4444, 0.3749, 0.3464
Android (android.graphics.Color)	4293308577 (0xFFE6B0A1)
YUV	190.4360, -14.5119, 34.6976
Hunter-Lab	71.0242, 12.9307, 15.8281

Details

The YIQ color **190.4360, 36.9990, 6.7830** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **200.5640, -36.9990, -6.7830**, and the grayscale version is **191.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **237.0530, 18.8440, -0.1000**, and **136.3540, 34.2940, 6.2460** is the 20% darker color. If you saturate the color by 10%, you get **177.2480, 49.3320, 9.0440**, and if you desaturate by 10%, it is **203.6240, 24.6660, 4.5220**.

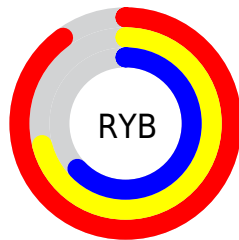
Distribution



Red (90%)

Green (69%)

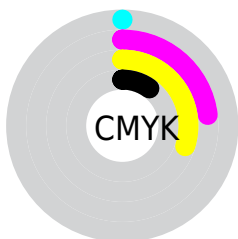
Blue (63%)



Red (90%)

Yellow (71%)

Blue (63%)

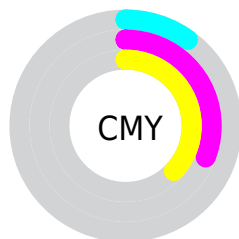


Cyan (0%)

Magenta (23%)

Yellow (30%)

Black (10%)



Cyan (10%)


Magenta (31%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 190.4360, 36.9990, 6.7830 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 190.4360, 36.9990, 6.7830 by changing the saturation by 10% instead.

 190.4360, 36.9990,
6.7830

 190.4360, 36.9990,
6.7830

255.0000, -0.0000,
-0.0000


 162.9520, 35.4860,
6.6700


 237.0530, 18.8440,
-0.1000


 136.3540, 34.2940,
6.2460

 253.7460, 3.5310,
-3.4210

 110.8700, 32.7810,
6.1330

 86.0870, 30.6720,
5.8080

 62.3040, 28.5630,
5.4830

 39.6350, 26.1330,
5.4690

 17.2650, 24.2990,

5.6670

■ 1.4950, 2.9800,
1.0600

■ 0.0000, 0.0000,
0.0000

■ 190.4360, 36.9990,
6.7830

■ 190.4360, 36.9990,
6.7830

■ 177.2480, 49.3320,
9.0440

■ 203.6240, 24.6660,
4.5220

■ 164.0600, 61.6650,
11.3050

■ 216.8120, 12.3330,
2.2610

■ 150.8720, 73.9980,
13.5660

■ 230.0000, -0.0000,
0.0000

■ 137.6840, 86.3310,
15.8270

■ 243.1880,
-12.3330, -2.2610

■ 124.4960, 98.6640,
18.0880

■ 247.5250,
-14.9000, -5.3000

■ 111.3080,
110.9970, 20.3490

■ 98.1200, 123.3300,
22.6100

Harmonies

Analogous

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



191.5530, 32.5960, 14.9960



190.4360, 36.9990, 6.7830



188.5890, 31.7740, -3.1540

Triad

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



190.4360, 36.9990, 6.7830



180.9010, -22.3710, -18.5870



188.6020, -21.8260, 10.0940

Complementary

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



190.4360, 36.9990, 6.7830



200.5640, -36.9990, -6.7830

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.



183.5240, -39.5220, 0.3980



190.4360, 36.9990, 6.7830



179.5000, -40.1150, -16.3950

Square

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



190.4360, 36.9990, 6.7830



184.1500, -1.1430, -17.8390



180.0080, -47.1770, -9.5530



191.2520, -0.0490, 17.4150

Rectangle

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



190.4360, 36.9990, 6.7830



187.2950, 23.6140, -9.4580



180.0080, -47.1770, -9.5530



186.9000, -28.6570, 7.2390

Sweetspot

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



190.4360, 36.9990, 6.7830



241.8120, 12.3330, 2.2610



187.9010, 23.4690, 31.7330



119.8330, 7.8400, 1.0880



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.



190.4360, 36.9990, 6.7830



202.2480, 49.3320, 9.0440



209.8070, 27.9240, -10.4760



108.3490, 6.3270, 0.9750



76.4140, 95.9590, 17.5510



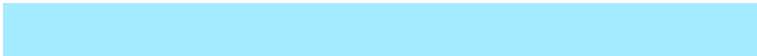
21.7060, 27.3710, 5.0590

Inverse Universe

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



200.5640, -36.9990, -6.7830



215.7520, -49.3320, -9.0440



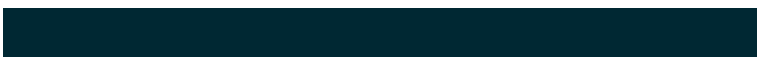
181.1930, -27.9240, 10.4760



109.6510, -6.3270, -0.9750



102.5860, -95.9590, -17.5510



29.2940, -27.3710, -5.0590

Previews

White Background



This preview shows how the YIQ color 190.4360, 36.9990, 6.7830 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 190.4360, 36.9990, 6.7830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

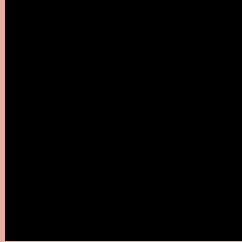
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 190.4360, 36.9990, 6.7830

Background



This preview shows how black text looks on a background with the YIQ color 190.4360, 36.9990, 6.7830.



This preview shows how white text looks on a background with the YIQ color 190.4360, 36.9990,

6.7830.

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

190.4360, 36.9990, 6.7830

Protanopia

188.2970, 12.1050, -4.6230

Deuteranopia

189.3700, 28.1970, 1.1010



Tritanopia

191.8350, 31.8620, 17.2860

Trichromacy



Original Color

190.4360, 36.9990, 6.7830

Protanomaly

189.3090, 20.9990, -0.6090

Deuteranomaly

189.6910, 31.7270, 3.2070

Tritanomaly

191.0970, 33.8800, 13.7520

Monochromacy



Original Color

190.4360, 36.9990, 6.7830

Achromatopsia

190.0000, -0.0000, -0.0000

Achromatomaly

190.2960, 13.8460, 2.3740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 190.4360, 36.9990, 6.7830 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(230, 176, 161)` looks like.

```
.text, #text, p{  
    color:rgb(230, 176, 161)  
}
```

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(230, 176, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 176, 161) }
```

Border

The CSS property to change the border of an element to YIQ 190.4360, 36.9990, 6.7830 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(230, 176, 161) }
```


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

```
.border{ border-color:rgb(230, 176, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 176, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 176, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 176, 161);  
box-shadow:4px 4px 4px 4px rgb(230, 176,  
161) }
```

Background

The CSS property to change the background color of an element to YIQ 190.4360, 36.9990, 6.7830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 176, 161) }
```

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

```
.background{ background-color: rgb(230,  
176, 161) }
```

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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