

Converting Colors

YIQ(164.5700, 15.5900, -7.2100)

Have a look what the booklet for
YIQ(164.5700, 15.5900, -7.2100)
contains.

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Color

**YIQ(164.5700, 15.5900,
-7.2100)**

Conversions

Conversions Part 1

Format	Color
Hex	AFA587
RGB	175, 165, 135
RGB Percent	69%, 65%, 53%
CMY	0.3137, 0.3529, 0.4705
CMYK	0.00, 0.06, 0.23, 0.31
HSL	45°, 20%, 61%
HSV	45°, 23%, 69%
XYZ	35.5086, 37.7727, 28.3490
YIQ	164.5700, 15.5900, -7.2100

Conversions

Conversions Part 2

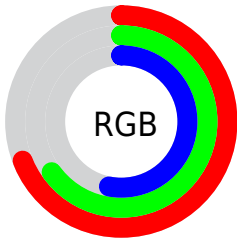
Format	Color
RYB	148, 175, 135
Decimal	11511175
CIELab	67.85, -1.32, 16.86
CIELCh	68, 16.916, 94.491
Yxy	37.7727, 0.3494, 0.3717
Android (android.graphics.Color)	4289701255 (0xFFAFA587)
YUV	164.5700, -14.5780, 9.1471
Hunter-Lab	61.4595, -4.4248, 15.6733

Details

The YIQ color **164.5700, 15.5900, -7.2100** is a light color, and the websafe version is hex **999966**. A complement of this color would be **145.4300, -15.5900, 7.2100**, and the grayscale version is **165.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **219.6410, 16.8280, -7.6200**, and **112.4990, 14.3520, -6.8000** is the 20% darker color. If you saturate the color by 10%, you get **160.2840, 22.1470, -10.4050**, and if you desaturate by 10%, it is **168.9700, 8.7120, -3.7040**.

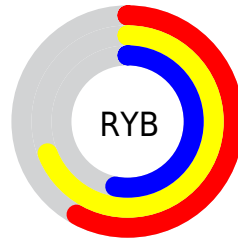
Distribution



Red (69%)

Green (65%)

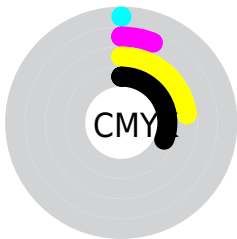
Blue (53%)



Red (58%)

Yellow (69%)

Blue (53%)

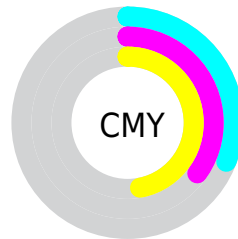


Cyan (0%)

Magenta (6%)

Yellow (23%)

Black (31%)



Cyan (31%)

Magenta (35%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 164.5700, 15.5900, -7.2100 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 164.5700, 15.5900, -7.2100 by changing the saturation by 10% instead.

■ 164.5700, 15.5900,
-7.2100

■ 164.5700, 15.5900,
-7.2100

■ 255.0000, -0.0000,
-0.0000

■ 138.3850, 14.6730,
-7.1110

■ 219.6410, 16.8280,
-7.6200

■ 112.4990, 14.3520,
-6.8000

■ 246.4450, 14.4440,
-8.4680

■ 88.3140, 13.4350,
-6.7010

■ 253.8600, 3.2100,
-3.1100

■ 65.1290, 12.5180,
-6.6020

■ 42.9440, 11.6010,
-6.5030

■ 22.1720, 10.9590,
-5.8810

■ 0.0000, 0.0000,

0.0000

■ 164.5700, 15.5900,
-7.2100

■ 164.5700, 15.5900,
-7.2100

■ 160.2840, 22.1470,
-10.4050

■ 168.9700, 8.7120,
-3.7040

■ 155.2970, 29.3000,
-13.3880

■ 173.8430, 1.8800,
-1.0320

■ 151.0110, 35.8570,
-16.5830

■ 178.2430, -4.9980,
2.4740

■ 146.0240, 43.0100,
-19.5660

■ 183.1160,
-11.8300, 5.1460

■ 141.7380, 49.5670,
-22.7610

■ 187.5160,
-18.7080, 8.6520

■ 137.3380, 56.4450,
-26.2670

■ 191.8020,
-25.2650, 11.8470

■ 132.4650, 63.2770,
-28.9390

■ 196.4470,
-31.4550, 13.8970

■ 129.2220, 68.2750,
-31.4130

■ 198.7950,
-32.5550, 11.8050

■ 201.1430,
-33.6550, 9.7130

Harmonies

Analogous

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



166.1630, 24.3460, -0.6940



164.5700, 15.5900, -7.2100



162.9920, 2.4780, -11.8740

Triad

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



164.5700, 15.5900, -7.2100



159.6740, -31.4970, -7.3770



167.8910, 11.0930, 13.7250

Complementary

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



164.5700, 15.5900, -7.2100



145.4300, -15.5900, 7.2100

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.



167.2960, -3.3490, 11.1390



164.5700, 15.5900, -7.2100



161.7440, -28.5180, -0.7900

Square

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



164.5700, 15.5900, -7.2100



159.4480, -25.1690, -11.9290



164.8210, -18.2490, 5.8390



168.2850, 21.5470, 11.4910

Rectangle

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



164.5700, 15.5900, -7.2100



161.3760, -7.4710, -13.2870



164.8210, -18.2490, 5.8390



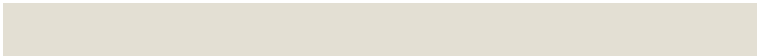
168.3250, 6.8750, 13.0750

Sweetspot

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



164.5700, 15.5900, -7.2100



222.8280, 6.2360, -2.8840



148.2140, 20.3090, 11.9010



112.2130, 3.7140, -1.2300



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



164.5700, 15.5900, -7.2100



211.2410, 23.7060, -11.1260



167.7490, 7.4760, -14.3480



84.8000, 3.4390, -1.7530



111.1810, 58.3250, -27.2990



16.8560, 9.0330, -4.0150

Inverse Universe

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



145.4300, -15.5900, 7.2100



181.7590, -23.7060, 11.1260



142.2510, -7.4760, 14.3480



80.2000, -3.4390, 1.7530



39.4060, -58.6000, 26.7760



6.1440, -9.0330, 4.0150

Previews

White Background



This preview shows how the YIQ color 164.5700, 15.5900, -7.2100 looks on a white background.

Color Contrast Check

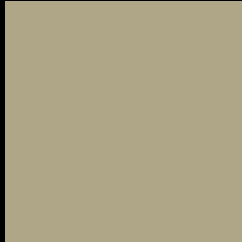
Large Text (above 18pt) WCAG AA × Fail

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 164.5700, 15.5900, -7.2100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

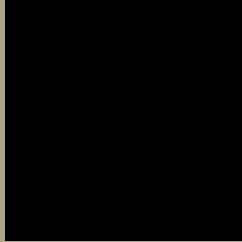
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

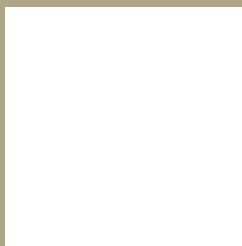
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 164.5700, 15.5900, -7.2100

Background



This preview shows how black text looks on a background with the YIQ color 164.5700, 15.5900, -7.2100.



This preview shows how white text looks on a background with the YIQ color 164.5700, 15.5900,

-7.2100.

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

164.5700, 15.5900, -7.2100

Protanopia

164.5700, 15.5900, -7.2100

Deuteranopia

165.9460, 26.4550, -0.3690



Tritanopia

167.3480, 8.0680, 7.9720

Trichromacy



Original Color

164.5700, 15.5900, -7.2100

Protanomaly

164.5700, 15.5900, -7.2100

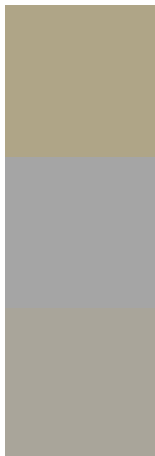
Deuteranomaly

165.3260, 22.3290, -2.6870

Tritanomaly

166.4420, 10.4990, 2.4590

Monochromacy



Original Color

164.5700, 15.5900, -7.2100

Achromatopsia

165.0000, -0.0000, -0.0000

Achromatomaly

164.9420, 5.9150, -2.5730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 164.5700, 15.5900, -7.2100 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(175, 165, 135)` looks like.

```
.text, #text, p{  
    color:rgb(175, 165, 135)  
}
```

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(175, 165, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 165, 135) }
```

Border

The CSS property to change the border of an element to YIQ 164.5700, 15.5900, -7.2100 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(175, 165, 135) }
```


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

```
.border{ border-color:rgb(175, 165, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 165, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 165, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 165, 135);  
box-shadow:4px 4px 4px 4px rgb(175, 165,  
135) }
```

Background

The CSS property to change the background color of an element to YIQ 164.5700, 15.5900, -7.2100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 165, 135) }
```

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

```
.background{ background-color: rgb(175,  
165, 135) }
```

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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