

Converting Colors

YIQ(171.7700, -22.2390,
12.0730)

Have a look what the booklet for
YIQ(171.7700, -22.2390, 12.0730)
contains.

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Color

**YIQ(171.7700, -22.2390,
12.0730)**

Conversions

Conversions Part 1

Format	Color
Hex	9EAAD9
RGB	158, 170, 217
RGB Percent	62%, 67%, 85%
CMY	0.3804, 0.3333, 0.1491
CMYK	0.27, 0.22, 0.00, 0.15
HSL	228°, 44%, 74%
HSV	228°, 27%, 85%
XYZ	40.9965, 41.0286, 71.3825
YIQ	171.7700, -22.2390, 12.0730

Conversions

Conversions Part 2

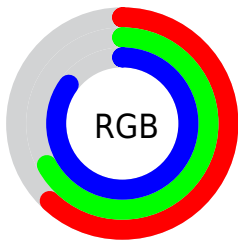
Format	Color
RYB	158, 168, 217
Decimal	10398425
CIELab	70.20, 6.25, -25.13
CIElCh	70, 25.894, 283.959
Yxy	41.0286, 0.2672, 0.2674
Android (android.graphics.Color)	4288588505 (0xFF9EAAD9)
YUV	171.7700, 22.2984, -12.0763
Hunter-Lab	64.0536, 2.1525, -21.2364

Details

The YIQ color $171.7700, -22.2390, 12.0730$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $203.2300, 22.2390, -12.0730$, and the grayscale version is $172.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $225.1310, -16.1860, 6.9980$, and $119.1290, -21.8720, 10.9280$ is the 20% darker color. If you saturate the color by 10%, you get $155.2130, -30.6760, 16.3000$, and if you desaturate by 10%, it is $188.3270, -13.8020, 7.8460$.

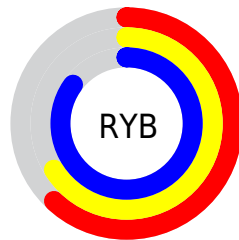
Distribution



Red (62%)

Green (67%)

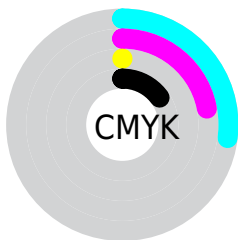
Blue (85%)



Red (62%)

Yellow (66%)

Blue (85%)

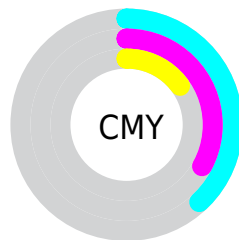


Cyan (27%)

Magenta (22%)

Yellow (0%)

Black (15%)



Cyan (38%)

Magenta (33%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 171.7700, -22.2390, 12.0730 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 171.7700, -22.2390, 12.0730 by changing the saturation by 10% instead.

■ 171.7700,
-22.2390, 12.0730

■ 171.7700,
-22.2390, 12.0730

■ 255.0000, -0.0000,
-0.0000

■ 145.2430,
-22.1930, 11.2390

■ 225.1310,
-16.1860, 6.9980

■ 119.1290,
-21.8720, 10.9280

■ 250.5260, -7.4730,
-2.2330

■ 94.0150, -21.5510,
10.6170

■ 70.0750, -21.7800,
9.2600

■ 46.9500, -22.9260,
8.0020

■ 23.2160, -26.7310,
5.3730

■ 4.5600, -12.8400,

12.4400

■ 2.6390, -6.0530,
5.0750

■ 0.0000, 0.0000,
0.0000

■ 171.7700,
-22.2390, 12.0730

■ 171.7700,
-22.2390, 12.0730

■ 155.2130,
-30.6760, 16.3000

■ 188.3270,
-13.8020, 7.8460

■ 138.3680,
-38.2420, 21.2620

■ 205.1720, -6.2360,
2.8840

■ 121.8110,
-46.6790, 25.4890

■ 221.7290, 2.2010,
-1.3430

■ 105.2540,
-55.1160, 29.7160

■ 238.2860, 10.6380,
-5.5700

■ 88.9960, -62.9570,
34.1550

■ 250.6680, 12.1980,
-11.8180

■ 71.8520, -71.1190,
38.9050

■ 55.2950, -79.5560,
43.1320

■ 50.5660, -81.7570,
44.4750

Harmonies

Analogous

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



166.7840, -43.1900, 0.7940



171.7700, -22.2390, 12.0730



175.0890, 1.9680, 19.4080

Triad

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



171.7700, -22.2390, 12.0730



173.5780, 39.4750, 5.9630



163.3950, -26.8180, -20.5940

Complementary

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



171.7700, -22.2390, 12.0730



203.2300, 22.2390, -12.0730

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.



166.4270, -3.4810, -19.5210



171.7700, -22.2390, 12.0730



171.7200, 32.7830, -4.9210

Square

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



171.7700, -22.2390, 12.0730



174.8200, 36.2180, 15.4340



169.7240, 17.7920, -14.0800



160.7380, -46.7170, -17.8930

Rectangle

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



171.7700, -22.2390, 12.0730



175.4560, 17.0520, 21.3720



169.7240, 17.7920, -14.0800



164.2880, -19.2070, -20.8630

Sweetspot

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



171.7700, -22.2390, 12.0730



239.6280, -7.5200, 4.1280



197.8770, -30.9910, -16.5510



117.6560, -4.7230, 2.9970



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.



171.7700, -22.2390, 12.0730



190.5550, -31.6390, 17.2330



169.8090, -8.8070, 21.9530



101.4280, -4.0810, 2.3750



40.2670, -65.1580, 35.4980



10.5270, -17.2410, 9.5990

Inverse Universe

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



177.0090, 31.3120, 16.2400



198.0540, 44.6070, 23.0950



205.1910, 8.8070, -21.9530



102.5170, 5.9140, 2.9540



55.7170, 91.8730, 47.5610



14.7800, 24.5270, 12.5510

Previews

White Background



This preview shows how the YIQ color 171.7700, -22.2390, 12.0730 looks on a white background.

Color Contrast Check

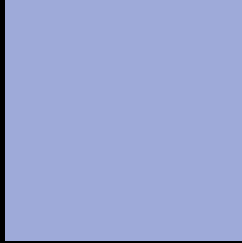
Large Text (above 18pt) WCAG AA × Fail

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 171.7700, -22.2390, 12.0730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

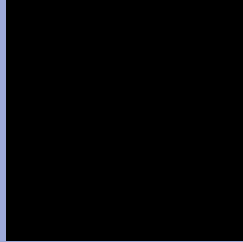
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 171.7700, -22.2390, 12.0730

Background



This preview shows how black text looks on a background with the YIQ color 171.7700, -22.2390, 12.0730.



This preview shows how white text looks on a background with the YIQ color 171.7700, -22.2390,

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

171.7700, -22.2390, 12.0730

Protanopia

172.3680, -21.0470, 12.4970

Deuteranopia

172.3900, -18.1130, 14.3910



Tritanopia

169.7190, -18.2020, -0.5220

Trichromacy



Original Color

171.7700, -22.2390, 12.0730

Protanomaly

172.0690, -21.6430, 12.2850

Deuteranomaly

172.3790, -19.5800, 13.4440

Tritanomaly

170.2830, -19.6700, 4.0580

Monochromacy



Original Color

171.7700, -22.2390, 12.0730

Achromatopsia

172.0000, -0.0000, -0.0000

Achromatomaly

171.7420, -7.8410, 4.4390

CSS Examples

Text

The CSS property to change the color of the text to YIQ 171.7700, -22.2390, 12.0730 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(158, 170, 217)` looks like.

```
.text, #text, p{  
    color:rgb(158, 170, 217)  
}
```

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(158, 170, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 170, 217) }
```

Border

The CSS property to change the border of an element to YIQ 171.7700, -22.2390, 12.0730 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(158, 170, 217) }
```


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

```
.border{ border-color:rgb(158, 170, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 170, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 170, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 170, 217);  
box-shadow:4px 4px 4px 4px rgb(158, 170,  
217) }
```

Background

The CSS property to change the background color of an element to YIQ 171.7700, -22.2390, 12.0730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 170, 217) }
```

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

```
.background{ background-color: rgb(158,  
170, 217) }
```

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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