

Converting Colors

YIQ(162.6930, 37.4130, -0.7230)

Have a look what the booklet for
YIQ(162.6930, 37.4130, -0.7230)
contains.

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Color

**YIQ(162.6930, 37.4130,
-0.7230)**

Conversions

Conversions Part 1

Format	Color
Hex	C69978
RGB	198, 153, 120
RGB Percent	78%, 60%, 47%
CMY	0.2234, 0.4001, 0.5292
CMYK	0.00, 0.23, 0.39, 0.22
HSL	25°, 41%, 62%
HSV	25°, 39%, 78%
XYZ	38.0755, 36.1422, 22.7528
YIQ	162.6930, 37.4130, -0.7230

Conversions

Conversions Part 2

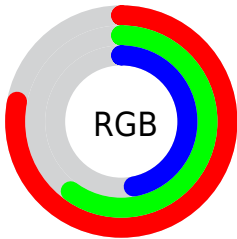
Format	Color
RYB	198, 177, 120
Decimal	13015416
CIELab	66.63, 12.43, 23.78
CIELCh	67, 26.832, 62.405
Yxy	36.1422, 0.3927, 0.3727
Android (android.graphics.Color)	4291205496 (0xFFC69978)
YUV	162.6930, -21.0476, 30.9642
Hunter-Lab	60.1183, 7.8445, 19.6436

Details

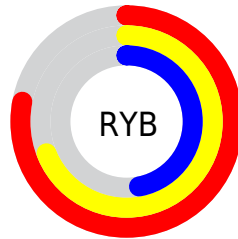
The YIQ color $162.6930, 37.4130, -0.7230$ is a light color, and the websafe version is hex $CC9966$. A complement of this color would be $155.3070, -37.4130, 0.7230$, and the grayscale version is $163.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $217.4760, 39.5220, -0.3980$, and $110.4260, 33.7910, -1.1610$ is the 20% darker color. If you saturate the color by 10%, you get $153.9560, 46.8580, -1.1900$, and if you desaturate by 10%, it is $171.4300, 27.9680, -0.2560$.

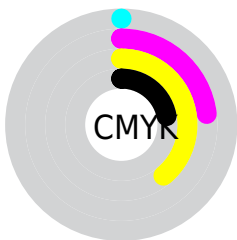
Distribution



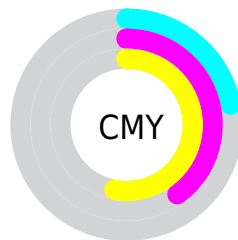
- Red (78%)
- Green (60%)
- Blue (47%)



- Red (78%)
- Yellow (69%)
- Blue (47%)



- Cyan (0%)
- Magenta (23%)
- Yellow (39%)
- Black (22%)





- Cyan (22%)
- Magenta (40%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 162.6930, 37.4130, -0.7230 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 162.6930, 37.4130, -0.7230 by changing the saturation by 10% instead.


 162.6930, 37.4130,
-0.7230


 162.6930, 37.4130,
-0.7230


255.0000, -0.0000,
-0.0000

 136.2090, 35.9000,
-0.8360


 217.4760, 39.5220,
-0.3980


 110.4260, 33.7910,
-1.1610


 237.5770, 22.8800,
-7.1680

 85.9420, 32.2780,
-1.2740

 251.9220, 8.6670,
-8.3970

 62.2730, 29.8480,
-1.2880

 39.0340, 29.0230,
-2.8570

 19.5910, 20.2650,
1.6810

 0.0000, 0.0000,

0.0000

■ 162.6930, 37.4130,
-0.7230

■ 162.6930, 37.4130,
-0.7230

■ 153.9560, 46.8580,
-1.1900

■ 171.4300, 27.9680,
-0.2560

■ 144.6320, 56.5780,
-1.1340

■ 180.7540, 18.2480,
-0.3120

■ 136.0090, 65.7020,
-1.2900

■ 189.3770, 9.1240,
-0.1560

■ 126.6850, 75.4220,
-1.2340

■ 198.7010, -0.5960,
-0.2120

■ 117.9480, 84.8670,
-1.7010

■ 207.4380,
-10.0410, 0.2550

■ 108.6240, 94.5870,
-1.6450

■ 216.7620,
-19.7610, 0.1990

■ 108.5100, 94.9080,
-1.9560

■ 225.0430,
-27.9220, -0.5780

■ 231.5000,
-30.9470, -6.3310

■ 237.9570,
-33.9720, -12.0840

Harmonies

Analogous

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



164.1100, 41.0330, 10.7690



162.6930, 37.4130, -0.7230



160.4260, 24.6230, -11.2250

Triad

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



162.6930, 37.4130, -0.7230



151.4950, -41.7190, -20.3670



164.3590, -7.6600, 17.6840

Complementary

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



162.6930, 37.4130, -0.7230



155.3070, -37.4130, 0.7230

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.



160.2740, -32.6460, 7.9460



162.6930, 37.4130, -0.7230



150.3550, -55.7040, -14.7120

Square

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



162.6930, 37.4130, -0.7230



154.4730, -18.2900, -20.9620



154.1310, -51.7170, -4.3650



166.2710, 16.1350, 21.4710

Rectangle

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



162.6930, 37.4130, -0.7230



158.6200, 12.1530, -16.5110



154.1310, -51.7170, -4.3650



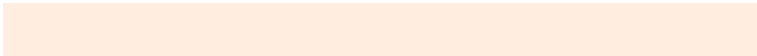
163.1730, -16.0040, 14.7160

Sweetspot

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



162.6930, 37.4130, -0.7230



240.9000, 14.9010, -0.2270



148.5660, 31.7220, 30.8420



119.4910, 8.8030, 0.1550



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.



162.6930, 37.4130, -0.7230



200.8170, 57.4950, -1.2330



185.5860, 26.6880, -21.1200



95.0390, 4.2640, -0.1840



89.2400, 78.1730, -1.5310



19.5690, 17.3310, -0.2130

Inverse Universe

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



155.3070, -37.4130, 0.7230



189.1830, -57.4950, 1.2330



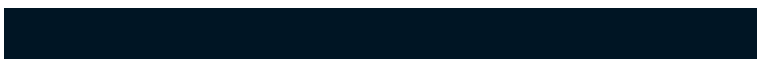
133.0010, -26.9630, 20.5970



93.9610, -4.2640, 0.1840



73.7600, -78.1730, 1.5310



16.4310, -17.3310, 0.2130

Previews

White Background



This preview shows how the YIQ color 162.6930, 37.4130, -0.7230 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 162.6930, 37.4130, -0.7230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

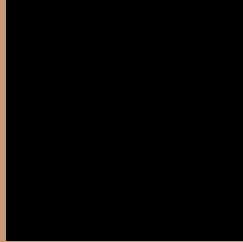
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 162.6930, 37.4130, -0.7230

Background



This preview shows how black text looks on a background with the YIQ color 162.6930, 37.4130, -0.7230.



This preview shows how white text looks on a background with the YIQ color 162.6930, 37.4130, -0.7230.

-0.7230.

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

162.6930, 37.4130, -0.7230

Protanopia

160.9570, 18.7540, -9.4860

Deuteranopia

162.6600, 33.0120, -3.5640



Tritanopia

165.4000, 28.6530, 14.8690

Trichromacy



Original Color

162.6930, 37.4130, -0.7230

Protanomaly

161.7730, 25.2640, -6.3200

Deuteranomaly

162.6710, 34.4790, -2.6170

Tritanomaly

164.6790, 32.0010, 9.2570

Monochromacy



Original Color

162.6930, 37.4130, -0.7230

Achromatopsia

163.0000, -0.0000, -0.0000

Achromatomaly

162.7150, 13.9840, -0.1280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 162.6930, 37.4130, -0.7230 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(198, 153, 120)` looks like.

```
.text, #text, p{  
    color:rgb(198, 153, 120)  
}
```

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(198, 153, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 153, 120) }
```

Border

The CSS property to change the border of an element to YIQ 162.6930, 37.4130, -0.7230 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(198, 153, 120) }
```


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

```
.border{ border-color:rgb(198, 153, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 153, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 153, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 153, 120);  
box-shadow:4px 4px 4px 4px rgb(198, 153,  
120) }
```

Background

The CSS property to change the background color of an element to YIQ 162.6930, 37.4130, -0.7230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 153, 120) }
```

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

```
.background{ background-color: rgb(198,  
153, 120) }
```

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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