

Converting Colors

YIQ(66.9110, 97.7390, 62.4030)

Have a look what the booklet for
YIQ(66.9110, 97.7390, 62.4030)
contains.

YIQ(66.9110, 97.7390, 62.4030)	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(66.9110, 97.7390,
62.4030)**

Conversions

Conversions Part 1

Format	Color
Hex	C70041
RGB	199, 0, 65
RGB Percent	78%, 0%, 25%
CMY	0.2191, 0.9998, 0.7448
CMYK	0.00, 1.00, 0.67, 0.22
HSL	340°, 100%, 39%
HSV	340°, 100%, 78%
XYZ	24.5446, 12.5427, 6.1414
YIQ	66.9110, 97.7390, 62.4030

Conversions

Conversions Part 2

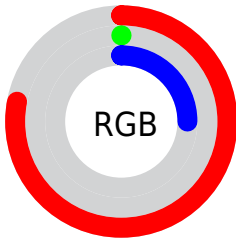
Format	Color
R_{YB}	199, 0, 65
Decimal	13041729
CIE Lab	42.07, 68.12, 23.41
CIE LCh	42, 72.029, 18.968
Yxy	12.5427, 0.5678, 0.2901
Android (android.graphics.Color)	4291231809 (0xFFC70041)
YUV	66.9110, -0.9421, 115.8421
Hunter-Lab	35.4157, 61.7309, 14.5095

Details

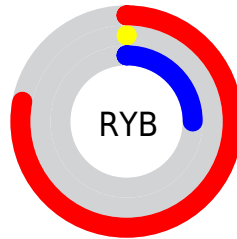
The YIQ color **66.9110, 97.7390, 62.4030** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **132.0890, -97.7390, -62.4030**, and the grayscale version is **67.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **138.9080, 92.6530, 44.4370**, and **43.6990, 73.9480, 36.5080** is the 20% darker color. If you saturate the color by 10%, you get **66.9110, 97.7390, 62.4030**, and if you desaturate by 10%, it is **80.1330, 88.0660, 55.9860**.

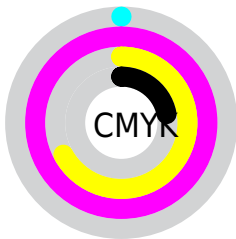
Distribution



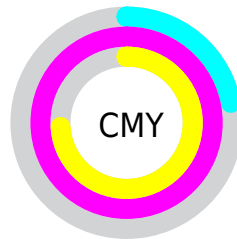
- Red (78%)
- Green (0%)
- Blue (25%)



- Red (78%)
- Yellow (0%)
- Blue (25%)



- Cyan (0%)
- Magenta (100%)
- Yellow (67%)
- Black (22%)





- Cyan (22%)
- Magenta (100%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 66.9110, 97.7390, 62.4030 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 66.9110, 97.7390, 62.4030 by changing the saturation by 10% instead.


 66.9110, 97.7390,
62.4030


 66.9110, 97.7390,
62.4030


255.0000, -0.0000,
-0.0000


 55.1340, 86.3250,
48.9890


 139.0220, 92.3320,
44.7480

 43.6990, 73.9480,
36.5080


 159.4820, 76.0570,
36.8330


 31.6940, 63.1760,
22.4720

 179.4690, 59.7360,
29.7520

 23.0660, 44.3330,
17.0450

 199.5700, 43.0940,
22.9820

 13.9820, 26.7740,
10.3740

 220.3720, 25.8560,
16.0000

 0.0000, 0.0000,
0.0000

 240.5870, 8.8930,

9.5410

■ 66.9110, 97.7390,
62.4030

■ 80.1330, 88.0660,
55.9860

■ 93.4690, 78.0720,
49.8800

■ 106.6910, 68.3990,
43.4630

■ 120.0270, 58.4050,
37.3570

■ 133.2490, 48.7320,
30.9400

■ 146.5850, 38.7380,
24.8340

■ 159.2200, 29.3400,
18.9400

■ 172.4420, 19.6670,
12.5230

■ 185.7780, 9.6730,
6.4170

Harmonies

Analogous

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



71.2450, 74.0320, 79.0560



66.9110, 97.7390, 62.4030



87.5670, 90.7340, 7.6140

Triad

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



66.9110, 97.7390, 62.4030



69.2660, -32.4500, -61.7140



91.0690, -100.7320, 8.3880

Complementary

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



66.9110, 97.7390, 62.4030



132.0890, -97.7390, -62.4030

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.



93.1600, -94.2190, -5.0270



66.9110, 97.7390, 62.4030



80.1640, -57.6250, -40.4810

Square

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



66.9110, 97.7390, 62.4030



89.1100, 21.5560, -38.2520



88.2920, -77.7560, -22.5560



79.4600, -94.2230, 17.0810

Rectangle

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



66.9110, 97.7390, 62.4030



93.0060, 69.7840, -9.1920



88.2920, -77.7560, -22.5560



92.7330, -99.9060, 4.4300

Sweetspot

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



66.9110, 97.7390, 62.4030



204.4600, 37.5920, 23.5760



62.4530, 15.3890, 90.0850



97.4640, 22.6010, 14.4170



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.



66.9110, 97.7390, 62.4030



85.7070, 125.3370, 79.8730



78.8720, 109.5290, 24.9290



93.0330, 4.4010, 2.8410



54.7790, 80.1350, 51.0390



12.1320, 17.6040, 11.3640

Inverse Universe

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



66.9110, 97.7390, 62.4030



85.7070, 125.3370, 79.8730



120.1280, -109.5290, -24.9290



93.0330, 4.4010, 2.8410



54.7790, 80.1350, 51.0390



12.1320, 17.6040, 11.3640

Previews

White Background



This preview shows how the YIQ color 66.9110, 97.7390, 62.4030 looks on a white 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 × Fail

Black Background



This preview shows how the YIQ color 66.9110, 97.7390, 62.4030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 66.9110, 97.7390, 62.4030

Background



This preview shows how black text looks on a background with the YIQ color 66.9110, 97.7390, 62.4030.



This preview shows how white text looks on a background with the YIQ color 66.9110, 97.7390,

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

66.9110, 97.7390, 62.4030

Protanopia

101.6260, 3.9890, -0.7070

Deuteranopia

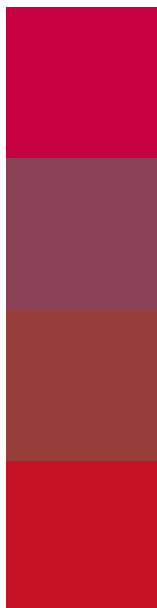
100.3990, 29.2530, -7.0270



Tritanopia

77.0860, 103.4750, 35.5310

Trichromacy



Original Color

66.9110, 97.7390, 62.4030

Protanomaly

88.8190, 37.9590, 22.4310

Deuteranomaly

88.2690, 54.0070, 17.9350

Tritanomaly

73.5130, 101.1350, 44.9030

Monochromacy



Original Color

66.9110, 97.7390, 62.4030

Achromatopsia

67.0000, -0.0000, -0.0000

Achromatomaly

67.1500, 35.5290, 22.4170

CSS Examples

Text

The CSS property to change the color of the text to YIQ 66.9110, 97.7390, 62.4030 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(199, 0, 65)` looks like.

```
.text, #text, p{  
    color:rgb(199, 0, 65)  
}
```

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(199, 0, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 0, 65) }
```

Border

The CSS property to change the border of an element to YIQ 66.9110, 97.7390, 62.4030 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(199, 0, 65) }
```


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

```
.border{ border-color:rgb(199, 0, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 0, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 0, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 0, 65);  
box-shadow:4px 4px 4px 4px rgb(199, 0, 65)  
}
```

Background

The CSS property to change the background color of an element to YIQ 66.9110, 97.7390, 62.4030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 0, 65) }
```

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

```
.background{ background-color: rgb(199, 0,  
65) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor