

Converting Colors

YIQ(65.6440, 94.1170, 61.9650)

Have a look what the booklet for
YIQ(65.6440, 94.1170, 61.9650)
contains.

YIQ(65.6440, 94.1170, 61.9650)	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(65.6440, 94.1170,
61.9650)**

Conversions

Conversions Part 1

Format	Color
Hex	C20043
RGB	194, 0, 67
RGB Percent	76%, 0%, 26%
CMY	0.2387, 0.9999, 0.7369
CMYK	0.00, 1.00, 0.65, 0.24
HSL	339°, 100%, 38%
HSV	339°, 100%, 76%
XYZ	23.2967, 11.8926, 6.3907
YIQ	65.6440, 94.1170, 61.9650

Conversions

Conversions Part 2

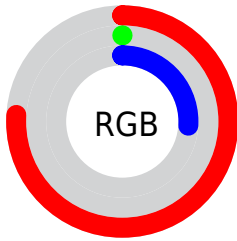
Format	Color
R_{YB}	194, 0, 67
Decimal	12714051
CIE Lab	41.04, 67.03, 20.63
CIE LCh	41, 70.131, 17.106
Yxy	11.8926, 0.5603, 0.2860
Android (android.graphics.Color)	4290904131 (0xFFC20043)
YUV	65.6440, 0.6685, 112.5682
Hunter-Lab	34.4856, 60.2356, 13.1525

Details

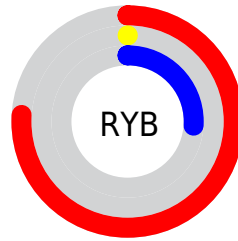
The YIQ color **65.6440, 94.1170, 61.9650** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **128.3560, -94.1170, -61.9650**, and the grayscale version is **66.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **138.6630, 91.9650, 45.8930**, and **42.3180, 70.6470, 35.7590** is the 20% darker color. If you saturate the color by 10%, you get **65.6440, 94.1170, 61.9650**, and if you desaturate by 10%, it is **78.2790, 84.7190, 56.0710**.

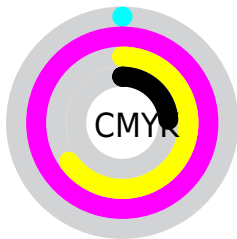
Distribution



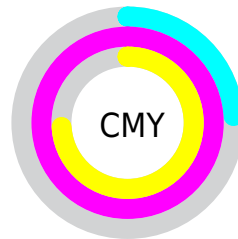
- Red (76%)
- Green (0%)
- Blue (26%)



- Red (76%)
- Yellow (0%)
- Blue (26%)



- Cyan (0%)
- Magenta (100%)
- Yellow (65%)
- Black (24%)





- Cyan (24%)
- Magenta (100%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 65.6440, 94.1170, 61.9650 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 65.6440, 94.1170, 61.9650 by changing the saturation by 10% instead.


 65.6440, 94.1170,
61.9650


 65.6440, 94.1170,
61.9650


255.0000, -0.0000,
-0.0000


 53.8670, 82.7030,
48.5510


 138.6630, 91.9650,
45.8930


 42.3180, 70.6470,
35.7590


 159.1230, 75.6900,
37.9780


 30.4980, 60.7920,
21.6240

 179.1100, 59.3690,
30.8970

 22.1690, 42.5450,
16.4090

 199.2110, 42.7270,
24.1270

 12.3730, 24.1150,
9.0030

 219.4260, 25.7640,
17.6680

 0.0000, 0.0000,
0.0000

 240.3420, 8.2050,

10.9970

■ 65.6440, 94.1170,
61.9650

■ 78.2790, 84.7190,
56.0710

■ 91.3870, 75.3670,
49.3430

■ 104.0220, 65.9690,
43.4490

■ 117.2440, 56.2960,
37.0320

■ 129.8790, 46.8980,
31.1380

■ 142.9870, 37.5460,
24.4100

■ 155.6220, 28.1480,
18.5160

■ 168.2570, 18.7500,
12.6220

■ 181.3650, 9.3980,
5.8940

Harmonies

Analogous

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



74.4350, 67.3850, 72.8650



65.6440, 94.1170, 61.9650



84.8920, 88.4410, 10.6250

Triad

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



65.6440, 94.1170, 61.9650



66.9180, -31.3500, -59.6220



89.0970, -97.9350, 7.2570

Complementary

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



65.6440, 94.1170, 61.9650



128.3560, -94.1170, -61.9650

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.



90.4870, -90.8260, -5.9460



65.6440, 94.1170, 61.9650



77.7190, -54.8740, -40.7780

Square

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



65.6440, 94.1170, 61.9650



87.3600, 23.8480, -35.7360



85.7330, -74.6840, -23.1640



78.4170, -92.6640, 16.3600

Rectangle

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



65.6440, 94.1170, 61.9650



90.3590, 70.2880, -7.3120



85.7330, -74.6840, -23.1640



90.7610, -97.1090, 3.2990

Sweetspot

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



65.6440, 94.1170, 61.9650



202.3890, 36.3540, 23.9860



59.7900, 12.8220, 87.0460



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.



65.6440, 94.1170, 61.9650



85.2660, 122.2650, 80.4810



75.0290, 107.6490, 25.9610



90.4460, 4.6760, 3.3640



54.4090, 78.3010, 51.2370



11.1210, 16.1370, 10.4170

Inverse Universe

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



65.6440, 94.1170, 61.9650



85.2660, 122.2650, 80.4810



118.9710, -107.6490, -25.9610



90.4460, 4.6760, 3.3640



54.4090, 78.3010, 51.2370



11.1210, 16.1370, 10.4170

Previews

White Background



This preview shows how the YIQ color 65.6440, 94.1170, 61.9650 looks on a white background.

Color Contrast Check

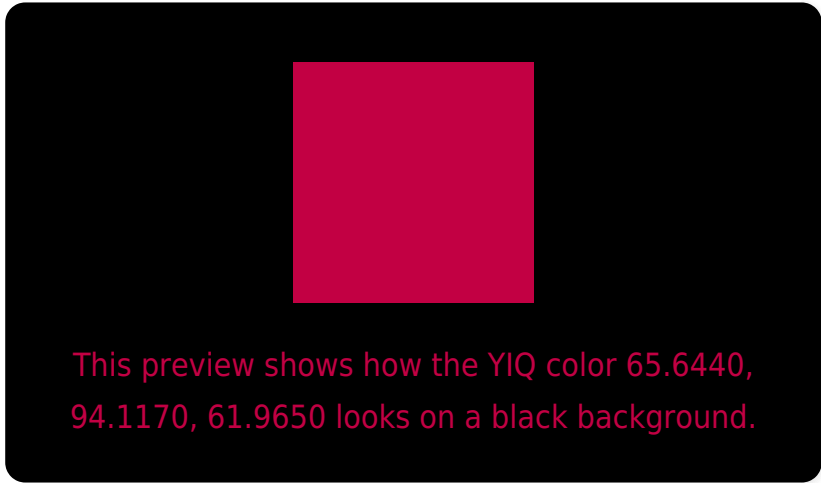
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

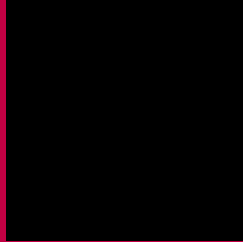
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 65.6440, 94.1170, 61.9650

Background



This preview shows how black text looks on a background with the YIQ color 65.6440, 94.1170, 61.9650.



This preview shows how white text looks on a background with the YIQ color 65.6440, 94.1170,

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

65.6440, 94.1170, 61.9650

Protanopia

99.5980, 1.1920, 0.4240

Deuteranopia

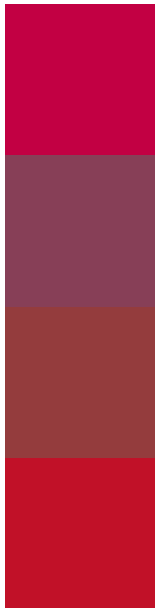
98.5560, 27.3730, -5.9950



Tritanopia

76.2920, 99.8990, 34.2590

Trichromacy



Original Color

65.6440, 94.1170, 61.9650

Protanomaly

87.2640, 35.2080, 22.7280

Deuteranomaly

86.4260, 52.1270, 18.9670

Tritanomaly

72.2460, 97.5130, 44.4650

Monochromacy



Original Color

65.6440, 94.1170, 61.9650

Achromatopsia

66.0000, -0.0000, -0.0000

Achromatomaly

65.9650, 34.6120, 22.5160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 65.6440, 94.1170, 61.9650 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(194, 0, 67)` looks like.

```
.text, #text, p{  
    color:rgb(194, 0, 67)  
}
```

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(194, 0, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 0, 67) }
```

Border

The CSS property to change the border of an element to YIQ 65.6440, 94.1170, 61.9650 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(194, 0, 67) }
```


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

```
.border{ border-color:rgb(194, 0, 67) }
```

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

Here you see how a box with a 4 pixel rgb(194, 0, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 0, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 0, 67);  
box-shadow:4px 4px 4px 4px rgb(194, 0, 67)  
}
```

Background

The CSS property to change the background color of an element to YIQ 65.6440, 94.1170, 61.9650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 0, 67) }
```

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

```
.background{ background-color: rgb(194, 0,  
67) }
```

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