

Converting Colors

YUV(65.4440, -2.6839,
114.4976)

Have a look what the booklet for
YUV(65.4440, -2.6839, 114.4976)
contains.

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Color

**YUV(65.4440, -2.6839,
114.4976)**

Conversions

Conversions Part 1

Format	Color
Hex	C4003C
RGB	196, 0, 60
RGB Percent	77%, 0%, 24%
CMY	0.2314, 1.0000, 0.7647
CMYK	0.00, 1.00, 0.69, 0.23
HSL	342°, 100%, 38%
HSV	342°, 100%, 77%
XYZ	23.5806, 12.0620, 5.3603
YIQ	65.4440, 97.5560, 60.2120

Conversions

Conversions Part 2

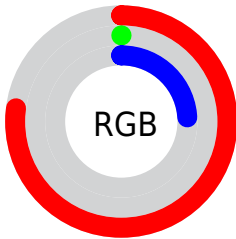
Format	Color
RYB	196, 0, 60
Decimal	12845116
CIELab	41.31, 67.13, 25.52
CIElCh	41, 71.819, 20.812
Yxy	12.0620, 0.5751, 0.2942
Android (android.graphics.Color)	4291035196 (0xFFC4003C)
YUV	65.4440, -2.6839, 114.4976
Hunter-Lab	34.7304, 60.4162, 15.1604

Details

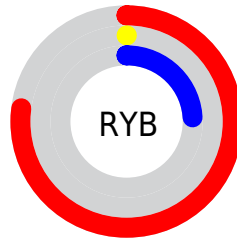
The YUV color **65.4440, -2.6839, 114.4976** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **130.5560, 2.6839, -114.4976**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.7510, -15.1602, 102.8274**, and **42.2320, -11.4534, 80.4805** is the 20% darker color. If you saturate the color by 10%, you get **65.4440, -2.6839, 114.4976**, and if you desaturate by 10%, it is **78.7800, -2.3565, 102.8019**.

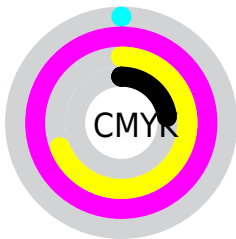
Distribution



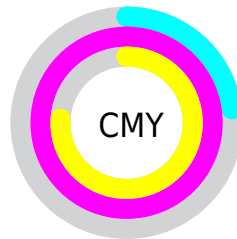
- Red (77%)
- Green (0%)
- Blue (24%)



- Red (77%)
- Yellow (0%)
- Blue (24%)



- Cyan (0%)
- Magenta (100%)
- Yellow (69%)
- Black (23%)



- Cyan (23%)
- Magenta (100%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 65.4440, -2.6839, 114.4976 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 YUV color 65.4440, -2.6839, 114.4976 by changing the saturation by 10% instead.

■ 65.4440, -2.6839,
114.4976

■ 65.4440, -2.6839,
114.4976

255.0000, 0.0000,
0.0000

■ 53.7810, -7.2870,
97.5391

■ 137.7510,
-15.1602, 102.8274

■ 42.2320, -11.4534,
80.4805

■ 158.2110,
-12.9220, 84.8840

■ 30.7970, -15.1829,
63.3220

■ 178.1980, -9.9576,
67.3554

■ 22.4680, -9.5977,
45.1936

■ 198.2990, -6.5564,
49.7268

■ 12.6720, -5.7543,
25.7207

■ 218.5140, -2.7184,
31.9982

■ 0.0000, 0.0000,
0.0000

■ 239.3160, 0.8302,

13.7549

■ 65.4440, -2.6839,
114.4976

■ 78.7800, -2.3565,
102.8019

■ 91.4150, -2.1766,
91.7210

■ 104.7510, -1.8492,
80.0254

■ 117.3860, -1.6693,
68.9445

■ 130.7220, -1.3419,
57.2488

■ 144.0580, -1.0146,
45.5531

■ 156.6930, -0.8346,
34.4722

■ 170.0290, -0.5073,
22.7766

■ 182.6640, -0.3274,
11.6957

Harmonies

Analogous

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



70.2620, 23.5348, 105.0102



65.4440, -2.6839, 114.4976



86.0720, -42.4335, 77.1129

Triad

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



65.4440, -2.6839, 114.4976



68.2060, -33.1326, -59.8167



89.7810, 62.2260, -78.7379

Complementary

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



65.4440, -2.6839, 114.4976



130.5560, 2.6839, -114.4976

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.



91.9860, 47.8279, -80.6717



65.4440, -2.6839, 114.4976



79.8050, -1.3829, -69.9890

Square

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



65.4440, -2.6839, 114.4976



86.7290, -42.7574, -5.9013



87.3460, 24.9724, -76.6024



80.0590, 64.0609, -60.5647

Rectangle

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



65.4440, -2.6839, 114.4976



91.5110, -45.1149, 50.4179



87.3460, 24.9724, -76.6024



91.4450, 58.4476, -80.1973

Sweetspot

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



65.4440, -2.6839, 114.4976



204.3460, -1.1566, 44.4236



62.4100, 65.8599, 62.7844



97.3500, -0.6656, 26.8800



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.



65.4440, -2.6839, 114.4976



85.1370, -3.5185, 148.9699



79.7360, -39.3098, 101.9635



90.3320, -0.1637, 5.8478



53.7250, -2.3294, 94.0802



11.0070, -0.4965, 19.2879

Inverse Universe

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



65.4440, -2.6839, 114.4976



85.1370, -3.5185, 148.9699



116.2640, 39.3098, -101.9635



90.3320, -0.1637, 5.8478



53.7250, -2.3294, 94.0802



11.0070, -0.4965, 19.2879

Previews

White Background



This preview shows how the YUV color 65.4440, -2.6839, 114.4976 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 YUV color 65.4440, -2.6839, 114.4976 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](#).

YUV 65.4440, -2.6839, 114.4976

Background



This preview shows how black text looks on a background with the YUV color 65.4440, -2.6839, 114.4976.



This preview shows how white text looks on a background with the YUV color 65.4440, -2.6839,

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

65.4440, -2.6839, 114.4976

Protanopia

99.9420, -5.3944, 3.5589

Deuteranopia

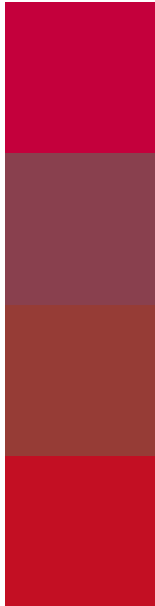
98.3560, -23.3465, 21.6128



Tritanopia

74.6730, -26.9538, 105.5268

Trichromacy



Original Color

65.4440, -2.6839, 114.4976

Protanomaly

87.4230, -4.6455, 43.4790

Deuteranomaly

86.2260, -15.8874, 55.9298

Tritanomaly

71.1000, -17.7973, 108.6603

Monochromacy



Original Color

65.4440, -2.6839, 114.4976

Achromatopsia

65.0000, 0.0000, 0.0000

Achromatomaly

65.0360, -1.0037, 42.0644

CSS Examples

Text

The CSS property to change the color of the text to YUV 65.4440, -2.6839, 114.4976 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(196, 0, 60)` looks like.

```
.text, #text, p{  
    color:rgb(196, 0, 60)  
}
```

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(196, 0, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 0, 60) }
```

Border

The CSS property to change the border of an element to YUV 65.4440, -2.6839, 114.4976 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(196, 0, 60) }
```


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

```
.border{ border-color:rgb(196, 0, 60) }
```

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

Here you see how a box with a 4 pixel rgb(196, 0, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 0, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 0, 60);  
box-shadow:4px 4px 4px 4px rgb(196, 0, 60)  
}
```

Background

The CSS property to change the background color of an element to YUV 65.4440, -2.6839, 114.4976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 0, 60) }
```

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

```
.background{ background-color: rgb(196, 0,  
60) }
```

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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