

Converting Colors

YUV(67.6340, -24.4696,
102.0530)

Have a look what the booklet for
YUV(67.6340, -24.4696, 102.0530)
contains.

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Color

**YUV(67.6340, -24.4696,
102.0530)**

Conversions

Conversions Part 1

Format	Color
Hex	B81212
RGB	184, 18, 18
RGB Percent	72%, 7%, 7%
CMY	0.2784, 0.9294, 0.9294
CMYK	0.00, 0.90, 0.90, 0.28
HSL	0°, 82%, 40%
HSV	0°, 90%, 72%
XYZ	20.0927, 10.6666, 1.5721
YIQ	67.6340, 98.9360, 35.1920

Conversions

Conversions Part 2

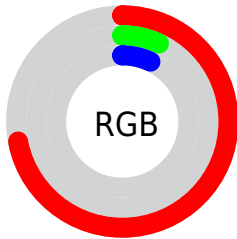
Format	Color
RYB	184, 18, 18
Decimal	12063250
CIELab	39.01, 60.73, 46.15
CIELCh	39, 76.273, 37.233
Yxy	10.6666, 0.6215, 0.3299
Android (android.graphics.Color)	4290253330 (0xFFB81212)
YUV	67.6340, -24.4696, 102.0530
Hunter-Lab	32.6598, 52.6604, 20.0078

Details

The YUV color **67.6340, -24.4696, 102.0530** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **134.3660, 24.4696, -102.0530**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.9300, -33.4895, 101.7934**, and **36.1790, -17.8362, 74.3880** is the 20% darker color. If you saturate the color by 10%, you get **55.0160, -27.1229, 113.1190**, and if you desaturate by 10%, it is **80.2520, -21.8162, 90.9870**.

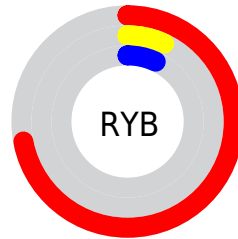
Distribution



Red (72%)

Green (7%)

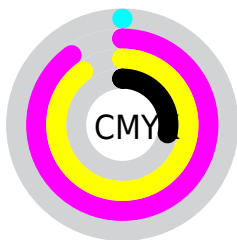
Blue (7%)



Red (72%)

Yellow (7%)

Blue (7%)

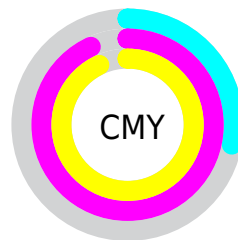


Cyan (0%)

Magenta (90%)

Yellow (90%)

Black (28%)



Cyan (28%)


Magenta (93%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the YUV color 67.6340, -24.4696, 102.0530 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 67.6340, -24.4696, 102.0530 by changing the saturation by 10% instead.


 67.6340, -24.4696,
102.0530


 67.6340, -24.4696,
102.0530


 254.4300, -2.1840,
0.4999

 45.4480, -22.4059,
93.4461

 131.9300,
-33.4895, 101.7934


 36.1790, -17.8362,
74.3880


 153.1950,
-32.1411, 89.2830


 26.9100, -13.2666,
55.3299


 173.0680,
-29.6135, 71.8544

 18.8800, -7.8288,
37.8162

 192.4680,
-26.3597, 54.8406


 7.8880, -3.3958,
15.8842


 212.5690,
-22.9585, 37.2120


 0.0000, 0.0000,
0.0000


 232.6700,


-19.5573, 19.5834


 251.1240,
-14.8511, 3.3993


 67.6340, -24.4696,
102.0530


 67.6340, -24.4696,
102.0530


 55.0160, -27.1229,
113.1190

 80.2520, -21.8162,
90.9870

 93.5710, -19.0155,
79.3062

 106.1890,
-16.3622, 68.2402

 119.5080,
-13.5614, 56.5595

 132.1260,
-10.9081, 45.4935

■ 144.7440, -8.2548,
34.4275

■ 158.0630, -5.4541,
22.7467

■ 170.6810, -2.8007,
11.6808

■ 184.0000, 0.0000,
0.0000

Harmonies

Analogous

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



67.4250, 6.1995, 111.8833



67.6340, -24.4696, 102.0530



85.9400, -42.3684, 56.1806

Triad

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



67.6340, -24.4696, 102.0530



71.3640, -15.9555, -62.5862



81.2040, 67.4404, -71.2159

Complementary

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



67.6340, -24.4696, 102.0530



134.3660, 24.4696, -102.0530

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.



88.8690, 58.7316, -77.9381



67.6340, -24.4696, 102.0530



80.1760, 12.7312, -70.3144

Square

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



67.6340, -24.4696, 102.0530



68.1800, -33.6127, -45.7619



87.0160, 38.9391, -76.3130



92.0250, 49.2877, 11.3791

Rectangle

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



67.6340, -24.4696, 102.0530



86.9380, -42.8604, 27.2414



87.0160, 38.9391, -76.3130



85.3130, 65.4147, -74.8195

Sweetspot

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



67.6340, -24.4696, 102.0530



194.4350, -9.5815, 39.9605



86.5580, 48.0389, 85.4566



92.6610, -5.7489, 23.9763



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.6340, -24.4696, 102.0530



71.7600, -35.3777, 147.5465



116.3550, -48.4890, 59.3247



85.6910, -1.3267, 5.5330



46.6440, -22.9955, 95.9052



8.3720, -4.1274, 17.2138

Inverse Universe

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



134.3660, 24.4696, -102.0530



168.2400, 35.3777, -147.5465



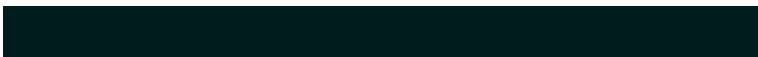
85.6450, 48.4890, -59.3247



89.3090, 1.3267, -5.5330



109.3560, 22.9955, -95.9052



19.6280, 4.1274, -17.2138

Previews

White Background



This preview shows how the YUV color 67.6340, -24.4696, 102.0530 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](#).

YUV 67.6340, -24.4696, 102.0530

Background



This preview shows how black text looks on a background with the YUV color 67.6340, -24.4696, 102.0530.



This preview shows how white text looks on a background with the YUV color 67.6340, -24.4696,

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

67.6340, -24.4696, 102.0530

Protanopia

90.4490, -27.8294, 12.7612

Deuteranopia

87.5250, -43.1498, 26.7266



Tritanopia

67.4230, -27.8165, 102.2380

Trichromacy



Original Color

67.6340, -24.4696, 102.0530

Protanomaly

82.0000, -26.6220, 45.6040

Deuteranomaly

80.2370, -36.1058, 54.1662

Tritanomaly

67.7650, -26.5061, 101.9381

Monochromacy



Original Color

67.6340, -24.4696, 102.0530

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

67.9400, -8.8444, 36.8866

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.6340, -24.4696, 102.0530 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(184, 18, 18)` looks like.

```
.text, #text, p{  
    color:rgb(184, 18, 18)  
}
```

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(184, 18, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 18, 18) }
```

Border

The CSS property to change the border of an element to YUV 67.6340, -24.4696, 102.0530 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(184, 18, 18) }
```


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

```
.border{ border-color:rgb(184, 18, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 18, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 18, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 18, 18);  
box-shadow:4px 4px 4px 4px rgb(184, 18,  
18) }
```

Background

The CSS property to change the background color of an element to YUV 67.6340, -24.4696, 102.0530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 18, 18) }
```

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

```
.background{ background-color: rgb(184, 18,  
18) }
```

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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