

Converting Colors

YUV(94.7300, -24.0239, 5.4988)

Have a look what the booklet for
YUV(94.7300, -24.0239, 5.4988)
contains.

YUV(94.7300, -24.0239, 5.4988)	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

**YUV(94.7300, -24.0239,
5.4988)**

Conversions

Conversions Part 1

Format	Color
Hex	65652E
RGB	101, 101, 46
RGB Percent	40%, 40%, 18%
CMY	0.6039, 0.6039, 0.8196
CMYK	0.00, 0.00, 0.54, 0.60
HSL	60°, 37%, 29%
HSV	60°, 54%, 40%
XYZ	10.5137, 12.2713, 4.3992
YIQ	94.7300, 17.6550, -17.1050

Conversions

Conversions Part 2

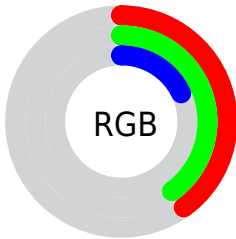
Format	Color
RYB	46, 101, 46
Decimal	6645038
CIELab	41.64, -8.45, 30.76
CIELCh	42, 31.898, 105.360
Yxy	12.2713, 0.3868, 0.4514
Android (android.graphics.Color)	4284835118 (0xFF65652E)
YUV	94.7300, -24.0239, 5.4988
Hunter-Lab	35.0304, -7.7303, 17.0755

Details

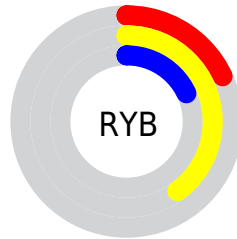
The YUV color **94.7300, -24.0239, 5.4988** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **52.2700, 24.0239, -5.4988**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.6870, -25.4817, 6.4135**, and **47.2460, -23.2923, 4.1693** is the 20% darker color. If you saturate the color by 10%, you get **93.5900, -28.3919, 6.4986**, and if you desaturate by 10%, it is **95.8700, -19.6559, 4.4990**.

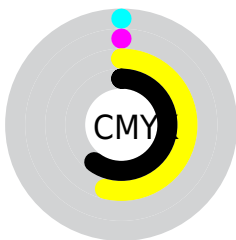
Distribution



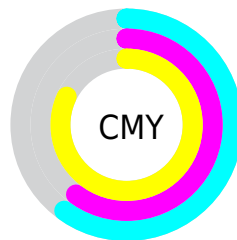
- Red (40%)
- Green (40%)
- Blue (18%)



- Red (18%)
- Yellow (40%)
- Blue (18%)



- Cyan (0%)
- Magenta (0%)
- Yellow (54%)
- Black (60%)



- Cyan (60%)
- Magenta (60%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.7300, -24.0239, 5.4988 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 94.7300, -24.0239, 5.4988 by changing the saturation by 10% instead.

■ 94.7300, -24.0239,
5.4988

■ 94.7300, -24.0239,
5.4988

255.0000, 0.0000,
0.0000

■ 70.5450, -23.4397,
4.7840

■ 145.6870,
-25.4817, 6.4135

■ 47.2460, -23.2923,
4.1693

■ 172.1710,
-26.2133, 7.7430

■ 28.0420, -13.8247,
0.8402

■ 199.9430,
-27.0869, 7.9430

■ 6.4570, -3.1833,
-5.6628

■ 227.8290,
-27.5237, 8.0430

■ 0.0000, 0.0000,
0.0000

■ 248.6160,
-24.4607, 5.5988

■ 251.8080,

-12.2303, 2.7994

■ 94.7300, -24.0239,
5.4988

■ 94.7300, -24.0239,
5.4988

■ 93.5900, -28.3919,
6.4986

■ 95.8700, -19.6559,
4.4990

■ 92.4500, -32.7598,
7.4984

■ 97.0100, -15.2879,
3.4992

■ 91.3100, -37.1278,
8.4981

■ 98.1500, -10.9199,
2.4995

■ 90.1700, -41.4958,
9.4979

■ 99.2900, -6.5520,
1.4997

■ 89.4860, -44.1166,
10.0978

■ 100.5440, -1.7472,
0.3999

■ 101.6840, 2.6208,
-0.5999

■ 102.8240, 6.9888,
-1.5996

■ 103.9640, 11.3567,
-2.5994

■ 105.1040, 15.7247,
-3.5992

Harmonies

Analogous

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



96.7370, -24.5203, 24.7867



94.7300, -24.0239, 5.4988



91.1770, -15.3703, -16.8182

Triad

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



94.7300, -24.0239, 5.4988



79.9600, 27.1347, -70.1249



100.4140, 5.7119, 34.7169

Complementary

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



94.7300, -24.0239, 5.4988



52.2700, 24.0239, -5.4988

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.



101.1540, 16.6861, 14.7739



94.7300, -24.0239, 5.4988



82.2090, 32.9280, -61.5733

Square

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



94.7300, -24.0239, 5.4988



78.3980, 16.0728, -68.7550



97.2580, 25.5088, -15.1353



99.2550, -6.5347, 42.7494

Rectangle

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



94.7300, -24.0239, 5.4988



87.1730, -6.0013, -35.2317



97.2580, 25.5088, -15.1353



101.1190, 9.8013, 29.7136

Sweetspot

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



94.7300, -24.0239, 5.4988



127.6060, -9.1728, 2.0995



62.4450, -8.1074, 33.8127



64.6320, -5.2416, 1.1997



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



94.7300, -24.0239, 5.4988



120.4240, -36.6910, 8.3982



86.6570, -20.0439, -11.1002



50.4300, -2.1840, 0.4999



101.8900, -50.2318, 11.4975



214.4120, -105.7051, 24.1947

Inverse Universe

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



52.2700, 24.0239, -5.4988



55.5760, 36.6910, -8.3982



60.6420, 19.8965, 11.7150



46.5700, 2.1840, -0.4999



13.1100, 50.2318, -11.4975



27.5880, 105.7051, -24.1947

Previews

White Background



This preview shows how the YUV color 94.7300, -24.0239, 5.4988 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 94.7300, -24.0239, 5.4988 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

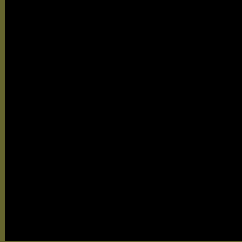
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 94.7300, -24.0239, 5.4988

Background



This preview shows how black text looks on a background with the YUV color 94.7300, -24.0239, 5.4988.



This preview shows how white text looks on a background with the YUV color 94.7300, -24.0239,

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

94.7300, -24.0239, 5.4988

Protanopia

95.2470, -24.7718, 12.0614

Deuteranopia

96.8290, -24.0727, 21.1980



Tritanopia

99.3860, 1.2887, 6.6775

Trichromacy



Original Color

94.7300, -24.0239, 5.4988

Protanomaly

94.9370, -24.6189, 9.7023

Deuteranomaly

96.3830, -24.3458, 15.4501

Tritanomaly

97.6820, -7.7312, 6.4179

Monochromacy



Original Color

94.7300, -24.0239, 5.4988

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

94.7200, -8.7360, 1.9996

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.7300, -24.0239, 5.4988 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(101, 101, 46)` looks like.

```
.text, #text, p{  
    color:rgb(101, 101, 46)  
}
```

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(101, 101, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 101, 46) }
```

Border

The CSS property to change the border of an element to YUV 94.7300, -24.0239, 5.4988 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(101, 101, 46) }
```


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

```
.border{ border-color:rgb(101, 101, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 101, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 101, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 101, 46);  
box-shadow:4px 4px 4px 4px rgb(101, 101,  
46) }
```

Background

The CSS property to change the background color of an element to YUV 94.7300, -24.0239, 5.4988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 101, 46) }
```

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

```
.background{ background-color: rgb(101,  
101, 46) }
```

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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