

Converting Colors

YUV(95.7070, 44.5144,
-44.4700)

Have a look what the booklet for
YUV(95.7070, 44.5144, -44.4700)
contains.

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Color

**YUV(95.7070, 44.5144,
-44.4700)**

Conversions

Conversions Part 1

Format	Color
Hex	2D68BA
RGB	45, 104, 186
RGB Percent	18%, 41%, 73%
CMY	0.8235, 0.5922, 0.2706
CMYK	0.76, 0.44, 0.00, 0.27
HSL	215°, 61%, 45%
HSV	215°, 76%, 73%
XYZ	14.8954, 14.0037, 48.3723
YIQ	95.7070, -61.4860, 12.9940

Conversions

Conversions Part 2

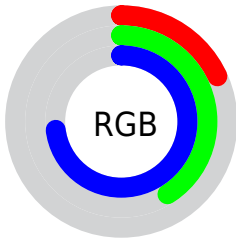
Format	Color
R_{YB}	45, 87, 186
Decimal	2975930
CIE _{Lab}	44.24, 9.92, -48.75
CIE _{LCh}	44, 49.748, 281.507
Yxy	14.0037, 0.1928, 0.1812
Android (android.graphics.Color)	4281166010 (0xFF2D68BA)
YUV	95.7070, 44.5144, -44.4700
Hunter-Lab	37.4215, 5.5633, -50.4452

Details

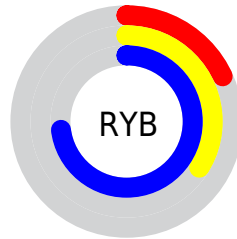
The YUV color **95.7070, 44.5144, -44.4700** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **135.2930, -44.5144, 44.4700**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.5770, 45.0715, -36.4630**, and **49.0940, 40.8727, -43.0554** is the 20% darker color. If you saturate the color by 10%, you get **83.5690, 50.4985, -50.4880**, and if you desaturate by 10%, it is **107.8450, 38.5304, -38.4521**.

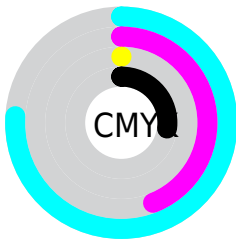
Distribution



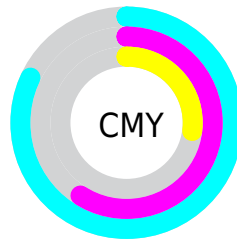
- Red (18%)
- Green (41%)
- Blue (73%)



- Red (18%)
- Yellow (34%)
- Blue (73%)



- Cyan (76%)
- Magenta (44%)
- Yellow (0%)
- Black (27%)



- Cyan (82%)
- Magenta (59%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.7070, 44.5144, -44.4700 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 95.7070, 44.5144, -44.4700 by changing the saturation by 10% instead.

■ 95.7070, 44.5144,
-44.4700

■ 95.7070, 44.5144,
-44.4700

255.0000, 0.0000,
0.0000

■ 65.0860, 46.2996,
-57.0804

■ 151.5770, 45.0715,
-36.4630

■ 49.0940, 40.8727,
-43.0554

■ 177.1770, 38.3667,
-32.6042

■ 33.8030, 35.5931,
-29.6452

■ 202.2840, 25.9890,
-29.1901

■ 19.3270, 30.8978,
-16.9498

■ 227.6900, 13.4638,
-25.1611

■ 9.5470, 23.8873,
-8.3727

■ 247.2260, 3.8326,
-15.9842

■ 5.1640, 14.7091,
-4.5288

■ 1.2540, 4.8048,

-1.0998

■ 0.0000, 0.0000,
0.0000

■ 95.7070, 44.5144,
-44.4700

■ 95.7070, 44.5144,
-44.4700

■ 83.5690, 50.4985,
-50.4880

■ 107.8450, 38.5304,
-38.4521

■ 71.7300, 56.3351,
-55.8912

■ 119.6840, 32.6938,
-33.0489

■ 66.9900, 58.6719,
-58.7502

■ 131.2350, 26.9991,
-26.5161

■ 143.0740, 21.1625,
-21.1129

■ 155.2120, 15.1785,
-15.0949

■ 167.3500, 9.1945,
-9.0769

■ 179.1890, 3.3578,
-3.6738

■ 191.3270, -2.6262,
2.3442

■ 202.5790, -8.1734,
8.2622

Harmonies

Analogous

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



88.9540, 46.3647, -78.0127



95.7070, 44.5144, -44.4700



107.4930, 29.3370, 17.1076

Triad

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



95.7070, 44.5144, -44.4700



101.6690, -24.4868, 60.8033



80.3920, -1.6723, -70.5038

Complementary

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



95.7070, 44.5144, -44.4700



135.2930, -44.5144, 44.4700

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.



92.0330, -27.1313, -24.5849



95.7070, 44.5144, -44.4700



100.4110, -40.1356, 39.9816

Square

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



95.7070, 44.5144, -44.4700



101.3490, -5.5951, 68.0999



97.0840, -44.4114, 11.3273



86.4680, 16.5313, -75.8324

Rectangle

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



95.7070, 44.5144, -44.4700



106.6120, 18.9253, 43.3133



97.0840, -44.4114, 11.3273



78.2090, -7.4980, -68.5893

Sweetspot

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



95.7070, 44.5144, -44.4700



206.7710, 17.3679, -17.3392



136.8870, -5.8603, -80.5849



100.0940, 10.7997, -10.6064



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



95.7070, 44.5144, -44.4700



101.0840, 69.4716, -69.3567



63.7650, 60.2619, -8.5639



85.7870, 3.0630, -2.4442



55.9390, 49.3301, -49.0585



10.2360, 8.7577, -8.9770

Inverse Universe

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



93.8850, 4.9867, 80.7849



98.2680, 7.7559, 126.0530



167.2350, -60.2619, 8.5639



86.0330, -0.0163, 5.2331



54.0540, 5.3964, 89.4066



9.7400, 1.1142, 16.0140

Previews

White Background



This preview shows how the YUV color 95.7070, 44.5144, -44.4700 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 95.7070, 44.5144, -44.4700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

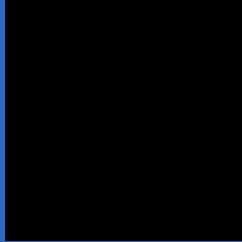
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 95.7070, 44.5144, -44.4700

Background



This preview shows how black text looks on a background with the YUV color 95.7070, 44.5144, -44.4700.



This preview shows how white text looks on a background with the YUV color 95.7070, 44.5144,

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

95.7070, 44.5144, -44.4700

Protanopia

99.8830, 40.9767, -29.7154

Deuteranopia

91.2000, 46.7364, -57.1804



Tritanopia

82.2280, 20.5936, -72.1140

Trichromacy



Original Color

95.7070, 44.5144, -44.4700

Protanomaly

98.1920, 42.3033, -35.2484

Deuteranomaly

92.7060, 45.9939, -52.3622

Tritanomaly

87.2860, 29.4390, -62.5178

Monochromacy



Original Color

95.7070, 44.5144, -44.4700

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

95.8420, 16.3469, -16.5244

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.7070, 44.5144, -44.4700 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(45, 104, 186)` looks like.

```
.text, #text, p{  
    color:rgb(45, 104, 186)  
}
```

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(45, 104, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 104, 186) }
```

Border

The CSS property to change the border of an element to YUV 95.7070, 44.5144, -44.4700 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(45, 104, 186) }
```


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

```
.border{ border-color:rgb(45, 104, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 104, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 104, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 104, 186);  
box-shadow:4px 4px 4px 4px rgb(45, 104,  
186) }
```

Background

The CSS property to change the background color of an element to YUV 95.7070, 44.5144, -44.4700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 104, 186) }
```

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

```
.background{ background-color: rgb(45, 104,  
186) }
```

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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