

Converting Colors

YUV(95.4700, 11.1073, 77.6408)

Have a look what the booklet for
YUV(95.4700, 11.1073, 77.6408)
contains.

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Color

**YUV(95.4700, 11.1073,
77.6408)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | B82E76 |
| RGB | 184, 46, 118 |
| RGB Percent | 72%, 18%, 46% |
| CMY | 0.2784, 0.8196, 0.5373 |
| CMYK | 0.00, 0.75, 0.36, 0.28 |
| HSL | 329°, 60%, 45% |
| HSV | 329°, 75%, 72% |
| XYZ | 24.0142, 13.4523, 18.4704 |
| YIQ | 95.4700, 59.1360, 51.6480 |

Conversions

Conversions Part 2

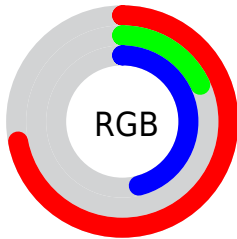
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 184, 46, 118 |
| Decimal | 12070518 |
| CIE _{Lab} | 43.44, 59.90, -8.24 |
| CIE _{LCh} | 43, 60.461, 352.171 |
| Yxy | 13.4523, 0.4293, 0.2405 |
| Android (android.graphics.Color) | 4290260598 (0xFFB82E76) |
| YUV | 95.4700, 11.1073, 77.6408 |
| Hunter-Lab | 36.6774, 52.6855, -4.1837 |

Details

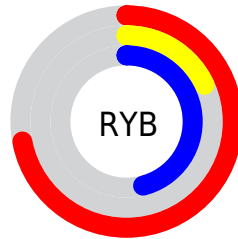
The YUV color **95.4700, 11.1073, 77.6408** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **134.5300, -11.1073, -77.6408**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.9710, 7.9023, 78.9554**, and **45.6540, 12.0026, 70.4634** is the 20% darker color. If you saturate the color by 10%, you get **83.8780, 12.3851, 87.8070**, and if you desaturate by 10%, it is **107.0620, 9.8294, 67.4746**.

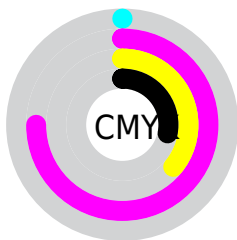
Distribution



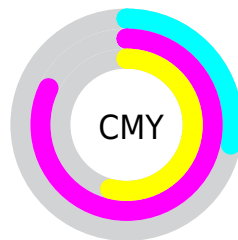
- Red (72%)
- Green (18%)
- Blue (46%)



- Red (72%)
- Yellow (18%)
- Blue (46%)



- Cyan (0%)
- Magenta (75%)
- Yellow (36%)
- Black (28%)





- Cyan (28%)
- Magenta (82%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.4700, 11.1073, 77.6408 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 95.4700, 11.1073, 77.6408 by changing the saturation by 10% instead.


 95.4700, 11.1073,
77.6408

 95.4700, 11.1073,
77.6408

255.0000, 0.0000,
0.0000


 56.9470, 17.7741,
85.9925

 153.9710, 7.9023,
78.9554


 45.6540, 12.0026,
70.4634


 176.7740, 9.9714,
68.6042


 34.6600, 6.0836,
55.5492

 196.4020, 14.0988,
51.3904

 24.3070, 1.3276,
40.9498

 216.1440, 18.6630,
34.0767

 13.2700, -6.0491,
26.9502

 233.2810, 10.7075,
19.0476

 0.0000, 0.0000,
0.0000

 250.8910, 2.0257,

3.6036

■ 95.4700, 11.1073,
77.6408

■ 95.4700, 11.1073,
77.6408

■ 83.8780, 12.3851,
87.8070

■ 107.0620, 9.8294,
67.4746

■ 71.6990, 13.9524,
98.4880

■ 119.2410, 8.2622,
56.7936

■ 65.9600, 14.8097,
103.5211

■ 130.7190, 6.5475,
46.7274

■ 142.8980, 4.9803,
36.0465

■ 154.4900, 3.7024,
25.8803

■ 166.0820, 2.4246,
15.7141

■ 178.2610, 0.8573,
5.0331

■ 189.7390, -0.8573,
-5.0331

■ 201.9180, -2.4246,
-15.7141

Harmonies

Analogous

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



104.4510, 29.8507, 39.0695



95.4700, 11.1073, 77.6408



93.0260, -12.3378, 84.1692

Triad

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



95.4700, 11.1073, 77.6408



91.7680, -45.2416, -2.4275



92.2480, 43.7547, -80.9015

Complementary

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



95.4700, 11.1073, 77.6408



134.5300, -11.1073, -77.6408

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.



89.2210, 24.5410, -78.2468



95.4700, 11.1073, 77.6408



74.4300, -19.4390, -65.2751

Square

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



95.4700, 11.1073, 77.6408



96.7170, -47.6815, 33.5742



82.7060, 2.1169, -72.5332



89.4730, 55.9688, -78.4678

Rectangle

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



95.4700, 11.1073, 77.6408



95.8940, -29.0347, 72.8840



82.7060, 2.1169, -72.5332



91.4670, 38.2238, -80.2166

Sweetspot

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



95.4700, 11.1073, 77.6408



204.6370, 4.1230, 31.0134



80.8680, 50.8441, 25.5488



98.2180, 2.8505, 19.1028



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.



95.4700, 11.1073, 77.6408



101.4660, 17.5183, 121.4943



87.8320, -18.1582, 84.3393



86.1470, 0.4205, 5.1331



55.8780, 12.3851, 87.8070



10.0820, 2.4246, 15.7141

Inverse Universe

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



95.4700, 11.1073, 77.6408



101.4660, 17.5183, 121.4943



142.1680, 18.1582, -84.3393



86.1470, 0.4205, 5.1331



55.8780, 12.3851, 87.8070



10.0820, 2.4246, 15.7141

Previews

White Background



This preview shows how the YUV color 95.4700, 11.1073, 77.6408 looks on a white background.

Color Contrast Check

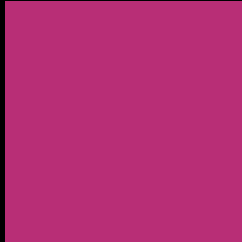
Large Text (above 18pt) WCAG AA ✓ Pass

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 95.4700, 11.1073, 77.6408 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

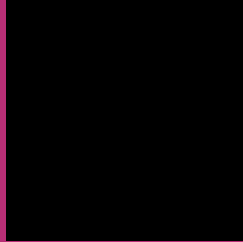
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 95.4700, 11.1073, 77.6408

Background



This preview shows how black text looks on a background with the YUV color 95.4700, 11.1073, 77.6408.



This preview shows how white text looks on a background with the YUV color 95.4700, 11.1073,

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

95.4700, 11.1073, 77.6408

Protanopia

103.0730, 26.0930, -15.8500

Deuteranopia

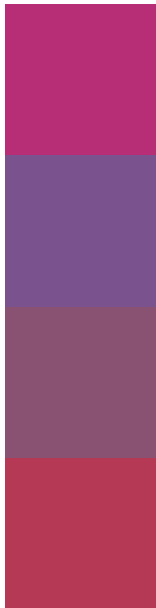
104.8310, 3.0413, 4.5332



Tritanopia

97.0370, -15.7942, 72.7586

Trichromacy



Original Color

95.4700, 11.1073, 77.6408

Protanomaly

100.5010, 20.4590, 17.9776

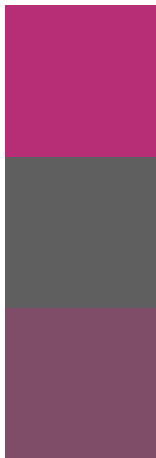
Deuteranomaly

101.5060, 6.1595, 31.1282

Tritanomaly

96.5670, -6.1955, 74.0477

Monochromacy



Original Color

95.4700, 11.1073, 77.6408

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

94.9140, 3.9864, 28.1394

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.4700, 11.1073, 77.6408 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, 46, 118)` looks like.

```
.text, #text, p{  
    color:rgb(184, 46, 118)  
}
```

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, 46, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 46, 118) }
```

Border

The CSS property to change the border of an element to YUV 95.4700, 11.1073, 77.6408 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, 46, 118) }
```


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

```
.border{ border-color:rgb(184, 46, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 46, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 46, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 46, 118);  
box-shadow:4px 4px 4px 4px rgb(184, 46,  
118) }
```

Background

The CSS property to change the background color of an element to YUV 95.4700, 11.1073, 77.6408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 46, 118) }
```

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

```
.background{ background-color: rgb(184, 46,  
118) }
```

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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