

Converting Colors

YUV(104.3290, 4.7678, 57.5935)

Have a look what the booklet for
YUV(104.3290, 4.7678, 57.5935)
contains.

| | |
|--|----|
| YUV(104.3290, 4.7678, 57.5935) | 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(104.3290, 4.7678,
57.5935)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | AA4572 |
| RGB | 170, 69, 114 |
| RGB Percent | 67%, 27%, 45% |
| CMY | 0.3333, 0.7294, 0.5529 |
| CMYK | 0.00, 0.59, 0.33, 0.33 |
| HSL | 333°, 42%, 47% |
| HSV | 333°, 59%, 67% |
| XYZ | 21.7429, 14.0172, 17.4792 |
| YIQ | 104.3290, 45.7510, 35.4070 |

Conversions

Conversions Part 2

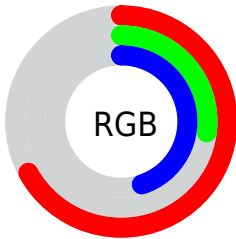
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 170, 69, 114 |
| Decimal | 11158898 |
| CIE _{Lab} | 44.26, 46.06, -4.80 |
| CIE _{LCh} | 44, 46.314, 354.046 |
| Yxy | 14.0172, 0.4084, 0.2633 |
| Android (android.graphics.Color) | 4289348978 (0xFFAA4572) |
| YUV | 104.3290, 4.7678, 57.5935 |
| Hunter-Lab | 37.4395, 38.1443, -1.4727 |

Details

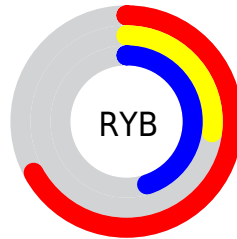
The YUV color **104.3290, 4.7678, 57.5935** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **134.6710, -4.7678, -57.5935**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.7100, 3.5940, 60.7673**, and **46.8930, 9.4198, 58.8528** is the 20% darker color. If you saturate the color by 10%, you get **93.3240, 5.7563, 67.2449**, and if you desaturate by 10%, it is **115.3340, 3.7793, 47.9421**.

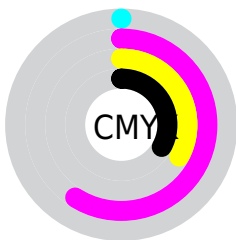
Distribution



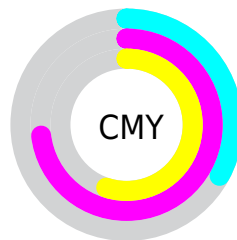
- Red (67%)
- Green (27%)
- Blue (45%)



- Red (67%)
- Yellow (27%)
- Blue (45%)



- Cyan (0%)
- Magenta (59%)
- Yellow (33%)
- Black (33%)



- Cyan (33%)
- Magenta (73%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.3290, 4.7678, 57.5935 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 104.3290, 4.7678, 57.5935 by changing the saturation by 10% instead.

 104.3290, 4.7678,
57.5935

 104.3290, 4.7678,
57.5935

255.0000, 0.0000,
0.0000

 77.3720, 6.2256,
56.6788


 158.7100, 3.5940,
60.7673


 46.8930, 9.4198,
58.8528


 185.7100, 3.5940,
60.7673

 31.0290, 6.3947,
49.0866

 205.3380, 7.7214,
43.5536

 20.9750, 1.4913,
35.1019

 224.9660, 11.8488,
26.3398

 10.5790, -4.7224,
21.4172

 242.6730, 6.0772,
10.8108

 0.0000, 0.0000,
0.0000

104.3290, 4.7678,
57.5935

104.3290, 4.7678,
57.5935

93.3240, 5.7563,
67.2449

115.3340, 3.7793,
47.9421

82.2050, 6.3079,
76.9962

126.4530, 3.2277,
38.1907

71.2000, 7.2964,
86.6476

137.4580, 2.2392,
28.5393

60.0810, 7.8481,
96.3990

148.5770, 1.6875,
18.7880

59.4940, 8.1375,
96.9138

159.5820, 0.6991,
9.1366

170.7010, 0.1474,
-0.6148

181.7060, -0.8411,
-10.2662

192.7110, -1.8295,

-19.9175

■ 203.8300, -2.3812,
-29.6689

Harmonies

Analogous

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



107.7030, 20.8524, 31.8325



104.3290, 4.7678, 57.5935



102.3670, -12.9989, 62.8221

Triad

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



104.3290, 4.7678, 57.5935



96.9280, -34.4745, -2.5679



89.3640, 37.7815, -78.3722

Complementary

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



104.3290, 4.7678, 57.5935



134.6710, -4.7678, -57.5935

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.



87.5910, 23.3726, -76.8173



104.3290, 4.7678, 57.5935



89.2080, -15.8785, -40.5244

Square

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



104.3290, 4.7678, 57.5935



100.1490, -39.5135, 27.0563



83.0310, 5.9007, -72.8182



85.7910, 46.9380, -75.2387

Rectangle

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



104.3290, 4.7678, 57.5935



102.6360, -24.4705, 55.5702



83.0310, 5.9007, -72.8182



88.9250, 33.5610, -77.9872

Sweetspot

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



104.3290, 4.7678, 57.5935



196.0120, 1.9661, 22.7915



97.2580, 35.8618, 24.3297



96.4300, 1.2670, 13.6549



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



104.3290, 4.7678, 57.5935



119.3360, 7.7224, 90.0363



102.1340, -16.3351, 59.5185



78.7340, 0.1311, 4.6183



51.7760, 7.0124, 84.3884



7.0060, 0.9830, 11.3957

Inverse Universe

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



104.3290, 4.7678, 57.5935



119.3360, 7.7224, 90.0363



136.8660, 16.3351, -59.5185



78.7340, 0.1311, 4.6183



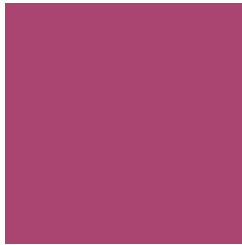
51.7760, 7.0124, 84.3884



7.0060, 0.9830, 11.3957

Previews

White Background



This preview shows how the YUV color 104.3290, 4.7678, 57.5935 looks on a white background.

Color Contrast Check

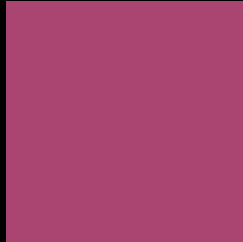
Large Text (above 18pt) WCAG AA ✓ Pass

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 104.3290, 4.7678, 57.5935 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

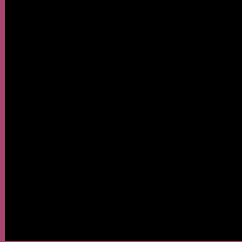
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 104.3290, 4.7678, 57.5935

Background



This preview shows how black text looks on a background with the YUV color 104.3290, 4.7678, 57.5935.



This preview shows how white text looks on a background with the YUV color 104.3290, 4.7678,

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

104.3290, 4.7678, 57.5935

Protanopia

105.6690, 15.4462, -7.6027

Deuteranopia

106.3860, 1.2887, 6.6775



Tritanopia

103.7790, -11.2300, 55.4448

Trichromacy



Original Color

104.3290, 4.7678, 57.5935

Protanomaly

105.1990, 11.7339, 16.4885

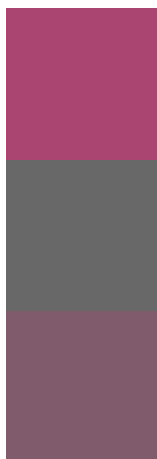
Deuteranomaly

105.5500, 2.6869, 24.9507

Tritanomaly

103.6850, -5.2677, 56.4043

Monochromacy



Original Color

104.3290, 4.7678, 57.5935

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

104.0010, 1.9715, 21.0471

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.3290, 4.7678, 57.5935 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(170, 69, 114)` looks like.

```
.text, #text, p{  
    color:rgb(170, 69, 114)  
}
```

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(170, 69, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 69, 114) }
```

Border

The CSS property to change the border of an element to YUV 104.3290, 4.7678, 57.5935 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(170, 69, 114) }
```


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

```
.border{ border-color:rgb(170, 69, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 69, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 69, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 69, 114);  
box-shadow:4px 4px 4px 4px rgb(170, 69,  
114) }
```

Background

The CSS property to change the background color of an element to YUV 104.3290, 4.7678, 57.5935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 69, 114) }
```

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

```
.background{ background-color: rgb(170, 69,  
114) }
```

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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