

Converting Colors

YUV(136.0560, 1.9444, 29.7689)

Have a look what the booklet for
YUV(136.0560, 1.9444, 29.7689)
contains.

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Color

**YUV(136.0560, 1.9444,
29.7689)**

Conversions

Conversions Part 1

Format	Color
Hex	AA768C
RGB	170, 118, 140
RGB Percent	67%, 46%, 55%
CMY	0.3333, 0.5373, 0.4510
CMYK	0.00, 0.31, 0.18, 0.33
HSL	335°, 23%, 56%
HSV	335°, 31%, 67%
XYZ	27.7896, 23.3964, 27.8622
YIQ	136.0560, 23.9300, 17.8660

Conversions

Conversions Part 2

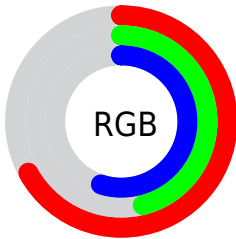
Format	Color
R_{YB}	170, 118, 140
Decimal	11171468
CIE _{Lab}	55.48, 23.76, -3.74
CIE _{LCh}	55, 24.053, 351.065
Yxy	23.3964, 0.3516, 0.2960
Android (android.graphics.Color)	4289361548 (0xFFAA768C)
YUV	136.0560, 1.9444, 29.7689
Hunter-Lab	48.3698, 17.9055, -0.2937

Details

The YUV color $136.0560, 1.9444, 29.7689$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $151.9440, -1.9444, -29.7689$, and the grayscale version is $136.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $190.0670, 1.9390, 31.5132$, and $85.7460, 2.0972, 27.4098$ is the 20% darker color. If you saturate the color by 10%, you get $124.9370, 2.4961, 39.5203$, and if you desaturate by 10%, it is $147.1750, 1.3927, 20.0175$.

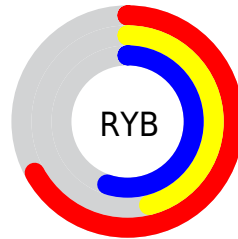
Distribution



Red (67%)

Green (46%)

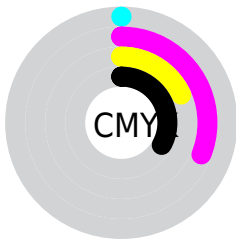
Blue (55%)



Red (67%)

Yellow (46%)

Blue (55%)

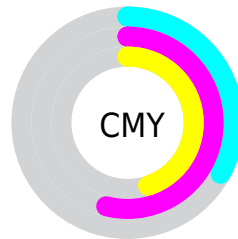


Cyan (0%)

Magenta (31%)

Yellow (18%)

Black (33%)



Cyan (33%)

Magenta (54%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.0560, 1.9444, 29.7689 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 136.0560, 1.9444, 29.7689 by changing the saturation by 10% instead.

 136.0560, 1.9444,
29.7689

 136.0560, 1.9444,
29.7689

255.0000, 0.0000,
0.0000


 110.4580, 2.2392,
28.5393

 190.0670, 1.9390,
31.5132


 85.7460, 2.0972,
27.4098


 217.6650, 1.6442,
32.7428

 61.8490, 2.5394,
25.5654

 237.4070, 6.2083,
15.4291

 38.6640, 3.1236,
24.8507

 16.4790, 3.7079,
24.1359

 3.2890, -1.6215,
6.7625

 0.0000, 0.0000,

0.0000

■ 136.0560, 1.9444,
29.7689

■ 136.0560, 1.9444,
29.7689

■ 124.9370, 2.4961,
39.5203

■ 147.1750, 1.3927,
20.0175

■ 113.8180, 3.0477,
49.2716

■ 158.2940, 0.8411,
10.2662

■ 102.8130, 4.0362,
58.9230

■ 169.2990, -0.1474,
0.6148

■ 91.6940, 4.5879,
68.6744

■ 180.4180, -0.6991,
-9.1366

■ 80.5750, 5.1395,
78.4257

■ 191.5370, -1.2507,
-18.8879

■ 69.4560, 5.6912,
88.1771

■ 202.6560, -1.8024,
-28.6393

■ 59.0380, 6.3903,
97.3137

■ 213.7750, -2.3541,
-38.3907

■ 224.7800, -3.3425,
-48.0421

■ 226.5070, 0.7360,
-49.5566

Harmonies

Analogous

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



136.0740, 11.3025, 14.8441



136.0560, 1.9444, 29.7689



135.1570, -7.9654, 34.9423

Triad

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



136.0560, 1.9444, 29.7689



130.0160, -17.7559, 1.7400



123.9910, 20.2174, -44.7191

Complementary

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



136.0560, 1.9444, 29.7689



151.9440, -1.9444, -29.7689

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.



121.9170, 12.3659, -46.4082



136.0560, 1.9444, 29.7689



127.4420, -10.5709, -16.1736

Square

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



136.0560, 1.9444, 29.7689



131.9580, -19.6993, 18.4538



124.3070, 0.8346, -34.4722



129.2580, 22.0578, -28.2903

Rectangle

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



136.0560, 1.9444, 29.7689



134.5390, -14.0697, 32.8533



124.3070, 0.8346, -34.4722



122.8120, 18.3337, -47.1931

Sweetspot

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



136.0560, 1.9444, 29.7689



208.8920, 0.5462, 11.4957



132.5990, 18.4387, 12.6297



104.1580, 0.4151, 6.8774



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.



136.0560, 1.9444, 29.7689



168.3940, 2.7638, 47.0125



135.3090, -8.5333, 30.4240



78.7340, 0.1311, 4.6183



51.4340, 5.7020, 84.6884



7.0060, 0.9830, 11.3957

Inverse Universe

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



136.0560, 1.9444, 29.7689



168.3940, 2.7638, 47.0125



152.6910, 8.5333, -30.4240



78.7340, 0.1311, 4.6183



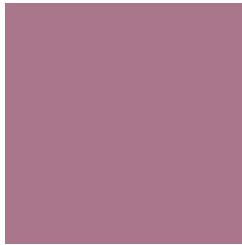
51.4340, 5.7020, 84.6884



7.0060, 0.9830, 11.3957

Previews

White Background



This preview shows how the YUV color 136.0560, 1.9444, 29.7689 looks on a white background.

Color Contrast Check

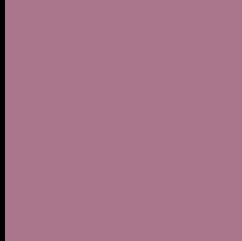
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the YUV color 136.0560, 1.9444, 29.7689 looks on a black 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

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

YUV 136.0560, 1.9444, 29.7689

Background



This preview shows how black text looks on a background with the YUV color 136.0560, 1.9444, 29.7689.



This preview shows how white text looks on a background with the YUV color 136.0560, 1.9444,

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

136.0560, 1.9444, 29.7689

Protanopia

133.6390, 7.5730, -2.3144

Deuteranopia

134.5110, 1.7201, 8.3219



Tritanopia

135.6770, -3.2918, 29.2243

Trichromacy



Original Color

136.0560, 1.9444, 29.7689

Protanomaly

134.5480, 5.6458, 9.1664

Deuteranomaly

134.9680, 1.9878, 15.8141

Tritanomaly

135.5460, -1.2552, 29.3392

Monochromacy



Original Color

136.0560, 1.9444, 29.7689

Achromatopsia

136.0000, 0.0000, 0.0000

Achromatomaly

135.5930, 0.6937, 10.8809

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.0560, 1.9444, 29.7689 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, 118, 140)` looks like.

```
.text, #text, p{  
    color:rgb(170, 118, 140)  
}
```

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, 118, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 118, 140) }
```

Border

The CSS property to change the border of an element to YUV 136.0560, 1.9444, 29.7689 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, 118, 140) }
```


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

```
.border{ border-color:rgb(170, 118, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 118, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 118, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 118, 140);  
box-shadow:4px 4px 4px 4px rgb(170, 118,  
140) }
```

Background

The CSS property to change the background color of an element to YUV 136.0560, 1.9444, 29.7689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 118, 140) }
```

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

```
.background{ background-color: rgb(170,  
118, 140) }
```

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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