

Converting Colors

YUV(122.6160, 2.6543, 35.4168)

Have a look what the booklet for
YUV(122.6160, 2.6543, 35.4168)
contains.

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Color

**YUV(122.6160, 2.6543,
35.4168)**

Conversions

Conversions Part 1

Format	Color
Hex	A36580
RGB	163, 101, 128
RGB Percent	64%, 40%, 50%
CMY	0.3608, 0.6039, 0.4980
CMYK	0.00, 0.38, 0.21, 0.36
HSL	334°, 25%, 52%
HSV	334°, 38%, 64%
XYZ	23.6542, 18.6524, 22.7756
YIQ	122.6160, 28.2850, 21.5410

Conversions

Conversions Part 2

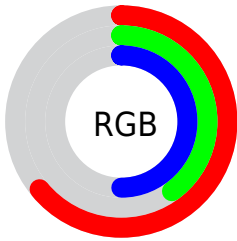
Format	Color
R_{YB}	163, 101, 128
Decimal	10708352
CIE _{Lab}	50.28, 28.82, -4.45
CIE _{LCh}	50, 29.165, 351.223
Yxy	18.6524, 0.3635, 0.2866
Android (android.graphics.Color)	4288898432 (0xFFA36580)
YUV	122.6160, 2.6543, 35.4168
Hunter-Lab	43.1884, 22.1844, -1.0350

Details

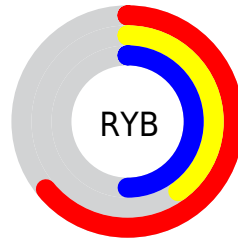
The YUV color **122.6160, 2.6543, 35.4168** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **141.3840, -2.6543, -35.4168**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.9260, 2.5015, 37.7759**, and **72.4200, 3.2439, 32.9577** is the 20% darker color. If you saturate the color by 10%, you get **112.1980, 3.3534, 44.5534**, and if you desaturate by 10%, it is **133.0340, 1.9552, 26.2802**.

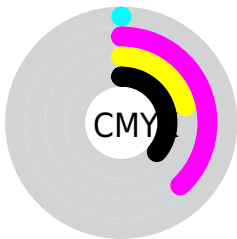
Distribution



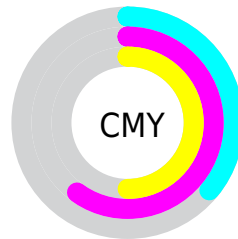
- Red (64%)
- Green (40%)
- Blue (50%)



- Red (64%)
- Yellow (40%)
- Blue (50%)



- Cyan (0%)
- Magenta (38%)
- Yellow (21%)
- Black (36%)



- Cyan (36%)
- Magenta (60%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.6160, 2.6543, 35.4168 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 122.6160, 2.6543, 35.4168 by changing the saturation by 10% instead.

■ 122.6160, 2.6543,
35.4168

■ 122.6160, 2.6543,
35.4168

■ 255.0000, 0.0000,
0.0000

■ 97.0180, 2.9491,
34.1872

■ 175.9260, 2.5015,
37.7759

■ 72.4200, 3.2439,
32.9577

■ 203.5240, 2.2067,
39.0055

■ 48.5230, 3.6862,
31.1133

■ 225.3590, 5.7390,
25.9952

■ 24.8650, 4.9966,
30.8134

■ 243.8470, 5.4984,
9.7812

■ 13.4420, -0.2179,
23.2914

■ 0.0000, 0.0000,
0.0000

122.6160, 2.6543,
35.4168

122.6160, 2.6543,
35.4168

112.1980, 3.3534,
44.5534

133.0340, 1.9552,
26.2802

101.1930, 4.3419,
54.2047

144.0390, 0.9668,
16.6288

90.6610, 4.6041,
63.4413

154.5710, 0.7045,
7.3922

80.2430, 5.3032,
72.5779

164.9890, 0.0054,
-1.7444

69.2380, 6.2917,
82.2293

175.4070, -0.6937,
-10.8809

58.8200, 6.9907,
91.3659

186.4120, -1.6821,
-20.5323

56.8310, 6.9853,
93.1102

196.8300, -2.3812,
-29.6689

207.3620, -2.6435,

-38.9055

 218.3670, -3.6319,
-48.5569

Harmonies

Analogous

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



123.0790, 13.7651, 18.3477



122.6160, 2.6543, 35.4168



121.2610, -9.0027, 40.9901

Triad

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



122.6160, 2.6543, 35.4168



116.3920, -21.3923, 1.4102



101.7970, 27.7081, -67.3510

Complementary

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



122.6160, 2.6543, 35.4168



141.3840, -2.6543, -35.4168

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.



99.6690, 18.4042, -69.8697



122.6160, 2.6543, 35.4168



112.6650, -12.1598, -19.8772

Square

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



122.6160, 2.6543, 35.4168



118.8290, -24.0727, 21.1980



107.1810, 1.8828, -44.0087



113.1690, 27.0317, -36.9822

Rectangle

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



122.6160, 2.6543, 35.4168



120.7030, -16.1226, 37.9715



107.1810, 1.8828, -44.0087



98.1120, 26.5668, -74.6432

Sweetspot

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



122.6160, 2.6543, 35.4168



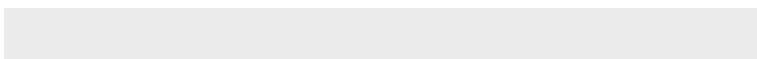
196.4300, 1.2670, 13.6549



118.2340, 22.0696, 14.7038



97.8700, 0.5571, 8.0070



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



122.6160, 2.6543, 35.4168



148.2040, 4.3364, 55.9491



121.2990, -10.0074, 36.5718



76.1470, 0.4205, 5.1331



50.5370, 6.1443, 82.8441



6.2940, 0.8411, 10.2662

Inverse Universe

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



122.6160, 2.6543, 35.4168



148.2040, 4.3364, 55.9491



142.7010, 10.0074, -36.5718



76.1470, 0.4205, 5.1331



50.5370, 6.1443, 82.8441



6.2940, 0.8411, 10.2662

Previews

White Background



This preview shows how the YUV color 122.6160, 2.6543, 35.4168 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 122.6160, 2.6543, 35.4168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

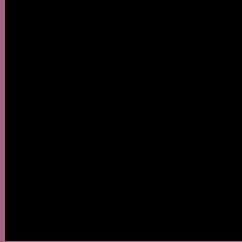
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 122.6160, 2.6543, 35.4168

Background



This preview shows how black text looks on a background with the YUV color 122.6160, 2.6543, 35.4168.



This preview shows how white text looks on a background with the YUV color 122.6160, 2.6543,

35.4168.

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

122.6160, 2.6543, 35.4168

Protanopia

120.3830, 9.1782, -3.8439

Deuteranopia

120.9130, 2.0149, 7.0923



Tritanopia

121.9550, -4.9078, 34.2425

Trichromacy



Original Color

122.6160, 2.6543, 35.4168

Protanomaly

120.9010, 6.9508, 10.6108

Deuteranomaly

121.6800, 2.1298, 16.9436

Tritanomaly

122.3510, -2.1450, 34.7722

Monochromacy



Original Color

122.6160, 2.6543, 35.4168

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

123.0170, 0.9776, 13.1401

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.6160, 2.6543, 35.4168 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(163, 101, 128)` looks like.

```
.text, #text, p{  
    color:rgb(163, 101, 128)  
}
```

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(163, 101, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 101, 128) }
```

Border

The CSS property to change the border of an element to YUV 122.6160, 2.6543, 35.4168 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(163, 101, 128) }
```


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

```
.border{ border-color:rgb(163, 101, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 101, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 101, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 101, 128);  
box-shadow:4px 4px 4px 4px rgb(163, 101,  
128) }
```

Background

The CSS property to change the background color of an element to YUV 122.6160, 2.6543, 35.4168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 101, 128) }
```

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

```
.background{ background-color: rgb(163,  
101, 128) }
```

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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