

Converting Colors

YUV(106.6350, -2.7781,
51.1861)

Have a look what the booklet for
YUV(106.6350, -2.7781, 51.1861)
contains.

YUV(106.6350, -2.7781, 51.1861)	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(106.6350, -2.7781,
51.1861)**

Conversions

Conversions Part 1

Format	Color
Hex	A54E65
RGB	165, 78, 101
RGB Percent	65%, 31%, 40%
CMY	0.3529, 0.6941, 0.6039
CMYK	0.00, 0.53, 0.39, 0.35
HSL	344°, 36%, 48%
HSV	344°, 53%, 65%
XYZ	20.5904, 14.3877, 14.0038
YIQ	106.6350, 44.4690, 25.5970

Conversions

Conversions Part 2

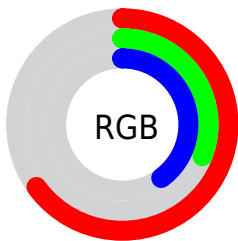
Format	Color
R_{YB}	165, 78, 101
Decimal	10833509
CIE _{Lab}	44.78, 38.29, 3.85
CIE _{LCh}	45, 38.486, 5.734
Yxy	14.3877, 0.4204, 0.2937
Android (android.graphics.Color)	4289023589 (0xFFA54E65)
YUV	106.6350, -2.7781, 51.1861
Hunter-Lab	37.9311, 30.5169, 4.6625

Details

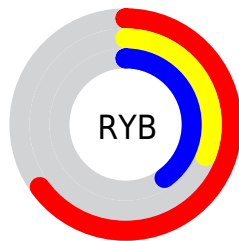
The YUV color **106.6350, -2.7781, 51.1861** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **136.3650, 2.7781, -51.1861**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.3150, -4.0993, 54.9747**, and **54.8950, -0.4412, 48.3271** is the 20% darker color. If you saturate the color by 10%, you get **95.8750, -3.3894, 60.6226**, and if you desaturate by 10%, it is **117.3950, -2.1667, 41.7496**.

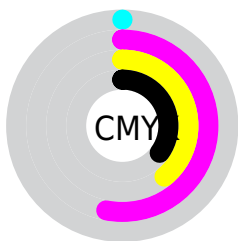
Distribution



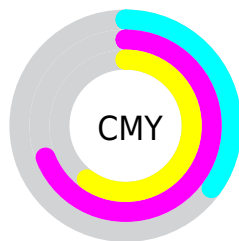
- Red (65%)
- Green (31%)
- Blue (40%)



- Red (65%)
- Yellow (31%)
- Blue (40%)



- Cyan (0%)
- Magenta (53%)
- Yellow (39%)
- Black (35%)



- Cyan (35%)
- Magenta (69%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.6350, -2.7781, 51.1861 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 106.6350, -2.7781, 51.1861 by changing the saturation by 10% instead.

■ 106.6350, -2.7781,
51.1861

■ 106.6350, -2.7781,
51.1861

■ 255.0000, 0.0000,
0.0000

■ 80.8520, -1.8990,
49.2418

■ 160.3150, -4.0993,
54.9747

■ 54.8950, -0.4412,
48.3271

■ 187.7990, -4.8309,
56.3043

■ 28.5790, 2.1796,
47.7272

■ 207.7370, -0.8563,
41.4497

■ 18.4820, -4.1816,
34.6573

■ 227.3650, 3.2711,
24.2359

■ 8.7850, -3.8380,
17.7286

■ 246.7820, 4.0515,
7.2072

■ 0.0000, 0.0000,
0.0000

106.6350, -2.7781,
51.1861

106.6350, -2.7781,
51.1861

95.8750, -3.3894,
60.6226

117.3950, -2.1667,
41.7496

84.5280, -3.7113,
70.5739

128.7420, -1.8448,
31.7983

73.7680, -4.3226,
80.0105

140.0890, -1.5229,
21.8469

62.3070, -5.0814,
90.0618

150.9630, -0.4748,
12.3104

54.3510, -5.1030,
97.0392

162.3100, -0.1528,
2.3591

173.0700, 0.4585,
-7.0774

184.4170, 0.7804,
-17.0287

195.1770, 1.3917,

-26.4652

■ 206.5240, 1.7137,
-36.4165

Harmonies

Analogous

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



108.7330, 11.9636, 36.1912



106.6350, -2.7781, 51.1861



105.1390, -17.3235, 49.8671

Triad

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



106.6350, -2.7781, 51.1861



98.8480, -23.0961, -12.1447



86.7880, 38.0655, -76.1131

Complementary

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



106.6350, -2.7781, 51.1861



136.3650, 2.7781, -51.1861

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.



87.2150, 27.0090, -76.4876



106.6350, -2.7781, 51.1861



90.3950, -6.1107, -46.8274

Square

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



106.6350, -2.7781, 51.1861



101.9500, -31.0343, 14.0759



84.2680, 13.1789, -73.9030



99.5310, 34.7412, -36.4227

Rectangle

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



106.6350, -2.7781, 51.1861



105.0210, -25.1534, 41.2006



84.2680, 13.1789, -73.9030



87.2780, 34.8659, -76.5428

Sweetspot

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



106.6350, -2.7781, 51.1861



191.1920, -1.0807, 20.0026



107.0540, 28.5674, 30.6476



93.5500, -0.7641, 11.7957



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.



106.6350, -2.7781, 51.1861



123.4690, -4.1752, 79.3957



115.7530, -18.6122, 43.1896



76.0330, -0.0163, 5.2331



47.6870, -4.7757, 85.3435



5.9520, -0.4693, 10.5661

Inverse Universe

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



106.6350, -2.7781, 51.1861



123.4690, -4.1752, 79.3957



127.2470, 18.6122, -43.1896



76.0330, -0.0163, 5.2331



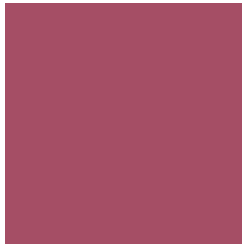
47.6870, -4.7757, 85.3435



5.9520, -0.4693, 10.5661

Previews

White Background



This preview shows how the YUV color 106.6350, -2.7781, 51.1861 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 106.6350, -2.7781, 51.1861 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

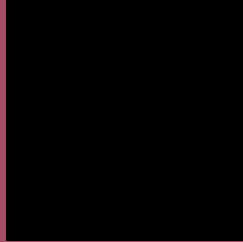
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 106.6350, -2.7781, 51.1861

Background



This preview shows how black text looks on a background with the YUV color 106.6350, -2.7781, 51.1861.



This preview shows how white text looks on a background with the YUV color 106.6350, -2.7781,

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

106.6350, -2.7781, 51.1861

Protanopia

106.9550, 4.9522, -1.7145

Deuteranopia

107.3990, -5.1267, 11.0511



Tritanopia

106.3870, -10.0508, 50.5266

Trichromacy



Original Color

106.6350, -2.7781, 51.1861

Protanomaly

106.9790, 1.9824, 17.5584

Deuteranomaly

107.0140, -4.4439, 25.4207

Tritanomaly

106.3700, -7.5774, 50.5415

Monochromacy



Original Color

106.6350, -2.7781, 51.1861

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

106.5940, -0.7858, 18.7731

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.6350, -2.7781, 51.1861 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(165, 78, 101)` looks like.

```
.text, #text, p{  
    color:rgb(165, 78, 101)  
}
```

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(165, 78, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 78, 101) }
```

Border

The CSS property to change the border of an element to YUV 106.6350, -2.7781, 51.1861 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(165, 78, 101) }
```


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

```
.border{ border-color:rgb(165, 78, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 78, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 78, 101); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 78, 101); box-shadow:4px 4px 4px 4px rgb(165, 78, 101) }
```

Background

The CSS property to change the background color of an element to YUV 106.6350, -2.7781, 51.1861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 78, 101) }
```

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

```
.background{ background-color: rgb(165, 78,  
101) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor