

Converting Colors

YUV(113.2650, -5.0606,
36.6016)

Have a look what the booklet for
YUV(113.2650, -5.0606, 36.6016)
contains.

YUV(113.2650, -5.0606, 36.6016)	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(113.2650, -5.0606,
36.6016)**

Conversions

Conversions Part 1

Format	Color
Hex	9B5E67
RGB	155, 94, 103
RGB Percent	61%, 37%, 40%
CMY	0.3922, 0.6314, 0.5961
CMYK	0.00, 0.39, 0.34, 0.39
HSL	351°, 24%, 49%
HSV	351°, 39%, 61%
XYZ	19.9685, 15.9532, 14.8588
YIQ	113.2650, 33.4670, 15.7310

Conversions

Conversions Part 2

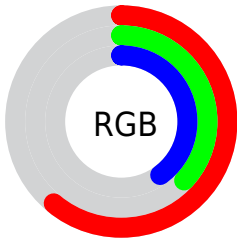
Format	Color
R_{YB}	155, 94, 103
Decimal	10182247
CIE _{Lab}	46.91, 26.06, 5.50
CIE _{LCh}	47, 26.636, 11.922
Yxy	15.9532, 0.3932, 0.3142
Android (android.graphics.Color)	4288372327 (0xFF9B5E67)
YUV	113.2650, -5.0606, 36.6016
Hunter-Lab	39.9415, 19.3421, 5.9024

Details

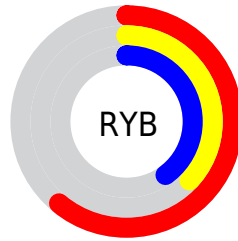
The YUV color **113.2650, -5.0606, 36.6016** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **135.7350, 5.0606, -36.6016**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.7600, -5.7977, 39.6755**, and **63.8840, -3.8868, 33.4277** is the 20% darker color. If you saturate the color by 10%, you get **102.9780, -6.3982, 45.6233**, and if you desaturate by 10%, it is **124.1390, -4.0125, 27.0651**.

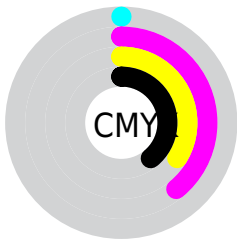
Distribution



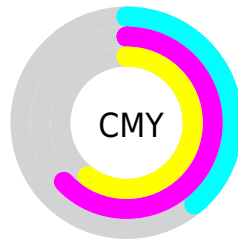
- Red (61%)
- Green (37%)
- Blue (40%)



- Red (61%)
- Yellow (37%)
- Blue (40%)



- Cyan (0%)
- Magenta (39%)
- Yellow (34%)
- Black (39%)



- Cyan (39%)
- Magenta (63%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.2650, -5.0606, 36.6016 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 113.2650, -5.0606, 36.6016 by changing the saturation by 10% instead.

■ 113.2650, -5.0606,
36.6016

■ 113.2650, -5.0606,
36.6016

■ 255.0000, 0.0000,
0.0000

■ 88.3680, -4.6184,
34.7573

■ 165.7600, -5.7977,
39.6755

■ 63.8840, -3.8868,
33.4277

■ 193.3580, -6.0925,
40.9050

■ 40.2150, -2.5710,
31.3834

■ 217.3570, -4.6130,
33.0129

■ 17.6170, -2.2762,
30.1539

■ 237.0990, -0.0488,
15.6992

■ 7.8880, -3.3958,
15.8842

■ 0.0000, 0.0000,
0.0000

■ 113.2650, -5.0606,
36.6016

■ 113.2650, -5.0606,
36.6016

■ 102.9780, -6.3982,
45.6233

■ 124.1390, -4.0125,
27.0651

■ 92.1040, -7.4463,
55.1598

■ 134.4260, -2.6750,
18.0434

■ 81.7030, -9.2206,
64.2815

■ 144.8270, -0.9007,
8.9217

■ 70.8290, -10.2687,
73.8180

■ 155.7010, 0.1474,
-0.6148

■ 60.5420, -11.6062,
82.8397

■ 165.9880, 1.4849,
-9.6365

■ 49.6680, -12.6543,
92.3762


■ 176.8620, 2.5330,
-19.1730

■ 48.9670, -12.8017,
92.9909

■ 187.7360, 3.5812,
-28.7095

■ 198.1370, 5.3555,

-37.8311

 209.0110, 6.4036,
-47.3676

Harmonies

Analogous

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



114.3700, 5.7336, 27.7395



113.2650, -5.0606, 36.6016



112.0230, -14.8013, 34.1828

Triad

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



113.2650, -5.0606, 36.6016



106.4380, -14.5129, -11.7851



102.8650, 24.7166, -41.1006

Complementary

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



113.2650, -5.0606, 36.6016



135.7350, 5.0606, -36.6016

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.



95.0490, 22.1608, -61.4330



113.2650, -5.0606, 36.6016



102.1070, -2.5178, -32.5428

Square

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



113.2650, -5.0606, 36.6016



108.9520, -20.6823, 7.0581



96.3460, 11.6614, -53.8004



110.3460, 22.0144, -14.3354

Rectangle

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



113.2650, -5.0606, 36.6016



111.4260, -19.4370, 27.6904



96.3460, 11.6614, -53.8004



100.1090, 24.5963, -49.2076

Sweetspot

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



113.2650, -5.0606, 36.6016



184.6320, -1.7906, 14.3547



116.5020, 18.9795, 25.8697



92.4140, -1.1901, 8.4069



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



113.2650, -5.0606, 36.6016



136.7020, -7.7411, 56.3893



124.5660, -15.0690, 26.6906



71.5060, -0.7425, 4.8182



44.2540, -11.4642, 83.9692



4.1150, -1.0427, 7.7921

Inverse Universe

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



113.2650, -5.0606, 36.6016



136.7020, -7.7411, 56.3893



124.4340, 15.0690, -26.6906



71.5060, -0.7425, 4.8182



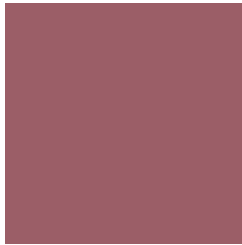
44.2540, -11.4642, 83.9692



4.1150, -1.0427, 7.7921

Previews

White Background



This preview shows how the YUV color 113.2650, -5.0606, 36.6016 looks on a white background.

Color Contrast Check

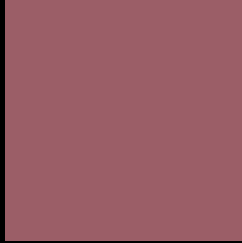
Large Text (above 18pt) WCAG AA ✓ Pass

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 113.2650, -5.0606, 36.6016 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

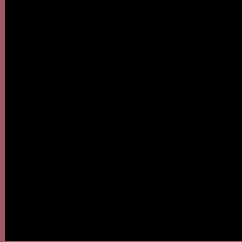
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 113.2650, -5.0606, 36.6016

Background



This preview shows how black text looks on a background with the YUV color 113.2650, -5.0606, 36.6016.



This preview shows how white text looks on a background with the YUV color 113.2650, -5.0606,

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

113.2650, -5.0606, 36.6016

Protanopia

111.7120, 0.1420, 1.1296

Deuteranopia

112.5840, -5.7109, 11.7658



Tritanopia

113.0370, -5.9342, 36.8016

Trichromacy



Original Color

113.2650, -5.0606, 36.6016

Protanomaly

112.3330, -1.6432, 13.7400

Deuteranomaly

113.0520, -5.4486, 21.0024

Tritanomaly

113.1510, -5.4974, 36.7016

Monochromacy



Original Color

113.2650, -5.0606, 36.6016

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

112.9200, -1.9326, 13.2252

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.2650, -5.0606, 36.6016 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(155, 94, 103)` looks like.

```
.text, #text, p{  
    color:rgb(155, 94, 103)  
}
```

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(155, 94, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 94, 103) }
```

Border

The CSS property to change the border of an element to YUV 113.2650, -5.0606, 36.6016 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(155, 94, 103) }
```


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

```
.border{ border-color:rgb(155, 94, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 94, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 94, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 94, 103);  
box-shadow:4px 4px 4px 4px rgb(155, 94,  
103) }
```

Background

The CSS property to change the background color of an element to YUV 113.2650, -5.0606, 36.6016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 94, 103) }
```

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

```
.background{ background-color: rgb(155, 94,  
103) }
```

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