

Converting Colors

YUV(105.9600, 4.4567, 64.0561)

Have a look what the booklet for
YUV(105.9600, 4.4567, 64.0561)
contains.

YUV(105.9600, 4.4567, 64.0561)	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(105.9600, 4.4567,
64.0561)**

Conversions

Conversions Part 1

Format	Color
Hex	B34373
RGB	179, 67, 115
RGB Percent	70%, 26%, 45%
CMY	0.2980, 0.7373, 0.5490
CMYK	0.00, 0.63, 0.36, 0.30
HSL	334°, 46%, 48%
HSV	334°, 63%, 70%
XYZ	23.6921, 14.8358, 17.8345
YIQ	105.9600, 51.3440, 38.6720

Conversions

Conversions Part 2

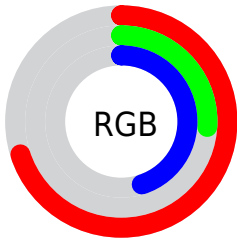
Format	Color
R_{YB}	179, 67, 115
Decimal	11748211
CIE _{Lab}	45.41, 49.98, -3.55
CIE _{LCh}	45, 50.106, 355.935
Yxy	14.8358, 0.4204, 0.2632
Android (android.graphics.Color)	4289938291 (0xFFB34373)
YUV	105.9600, 4.4567, 64.0561
Hunter-Lab	38.5173, 42.3905, -0.4908

Details

The YUV color **105.9600, 4.4567, 64.0561** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **140.0400, -4.4567, -64.0561**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.2270, 2.8461, 67.3299**, and **44.1160, 11.2818, 68.3043** is the 20% darker color. If you saturate the color by 10%, you get **94.2540, 5.2978, 74.3222**, and if you desaturate by 10%, it is **117.6660, 3.6157, 53.7899**.

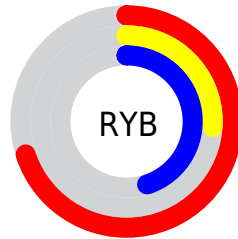
Distribution



Red (70%)

Green (26%)

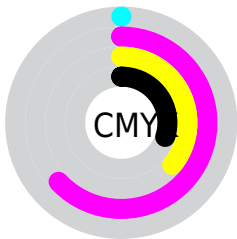
Blue (45%)



Red (70%)

Yellow (26%)

Blue (45%)

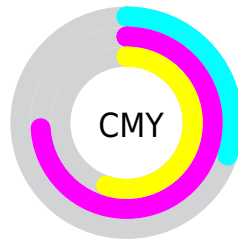


Cyan (0%)

Magenta (63%)

Yellow (36%)

Black (30%)



Cyan (30%)


Magenta (74%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the YUV color 105.9600, 4.4567, 64.0561 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 105.9600, 4.4567, 64.0561 by changing the saturation by 10% instead.


 105.9600, 4.4567,
64.0561


 105.9600, 4.4567,
64.0561

255.0000, 0.0000,
0.0000


 78.1170, 6.3513,
63.0414

 161.2270, 2.8461,
67.3299


 44.1160, 11.2818,
68.3043


 185.2370, 4.3202,
61.1822

 33.5350, 5.6522,
53.9048

 204.8650, 8.4476,
43.9684

 23.1820, 0.8963,
39.3054

 224.4930, 12.5750,
26.7546

 12.9710, -5.9017,
26.3354

 242.0860, 6.3666,
11.3256

 0.0000, 0.0000,
0.0000

■ 105.9600, 4.4567,
64.0561

■ 105.9600, 4.4567,
64.0561

■ 94.2540, 5.2978,
74.3222

■ 117.6660, 3.6157,
53.7899

■ 82.5480, 6.1388,
84.5884

■ 129.3720, 2.7746,
43.5238

■ 70.7280, 6.5431,
94.9545

■ 141.1920, 2.3703,
33.1576

■ 62.2990, 7.2476,
102.3468

■ 152.8980, 1.5293,
22.8915

■ 164.0170, 0.9776,
13.1401

■ 175.7230, 0.1366,
2.8739

■ 187.5430, -0.2677,
-7.4922

■ 199.2490, -1.1088,

-17.7584

■ 210.9550, -1.9498,
-28.0245

Harmonies

Analogous

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



110.3770, 21.9991, 37.3804



105.9600, 4.4567, 64.0561



104.1180, -15.3412, 67.4255

Triad

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



105.9600, 4.4567, 64.0561



98.4070, -37.6687, -4.7419



92.2650, 41.2814, -80.9164

Complementary

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



105.9600, 4.4567, 64.0561



140.0400, -4.4567, -64.0561

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.



90.8510, 25.7095, -79.6763



105.9600, 4.4567, 64.0561



88.0820, -14.8304, -50.0609

Square

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



105.9600, 4.4567, 64.0561



101.9550, -45.3338, 27.2265



85.9490, 6.9271, -75.3773



88.6920, 50.4378, -77.7829

Rectangle

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



105.9600, 4.4567, 64.0561



104.5610, -27.3916, 59.1440



85.9490, 6.9271, -75.3773



92.4130, 36.7714, -81.0462

Sweetspot

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



105.9600, 4.4567, 64.0561



203.3220, 1.8133, 25.1506



98.6050, 39.6347, 27.5334



99.4410, 1.2616, 15.3992



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



105.9600, 4.4567, 64.0561



118.5760, 7.1110, 99.4728



104.5970, -18.5353, 65.2514



83.1470, 0.4205, 5.1331



53.2710, 6.2754, 87.4623



9.0280, 0.9722, 14.8844

Inverse Universe

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



105.9600, 4.4567, 64.0561



118.5760, 7.1110, 99.4728



141.4030, 18.5353, -65.2514



83.1470, 0.4205, 5.1331



53.2710, 6.2754, 87.4623



9.0280, 0.9722, 14.8844

Previews

White Background



This preview shows how the YUV color 105.9600, 4.4567, 64.0561 looks on a white background.

Color Contrast Check

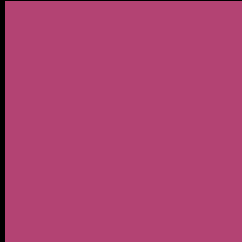
Large Text (above 18pt) WCAG AA ✓ Pass

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 105.9600, 4.4567, 64.0561 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

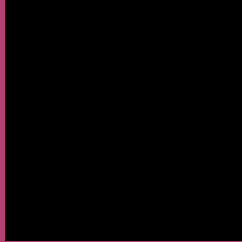
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 105.9600, 4.4567, 64.0561

Background



This preview shows how black text looks on a background with the YUV color 105.9600, 4.4567, 64.0561.



This preview shows how white text looks on a background with the YUV color 105.9600, 4.4567,

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

105.9600, 4.4567, 64.0561

Protanopia

108.4840, 16.0304, -8.3175

Deuteranopia

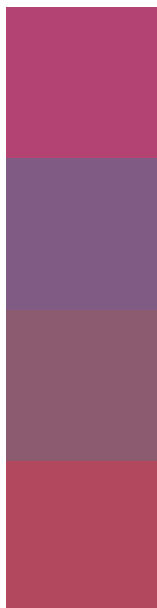
109.3430, -0.1691, 7.5922



Tritanopia

105.7690, -12.7041, 61.5926

Trichromacy



Original Color

105.9600, 4.4567, 64.0561

Protanomaly

107.3240, 12.1653, 18.1329

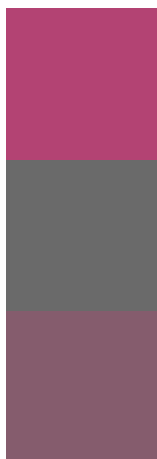
Deuteranomaly

107.9310, 1.5130, 28.1245

Tritanomaly

105.7890, -6.3050, 62.4520

Monochromacy



Original Color

105.9600, 4.4567, 64.0561

Achromatopsia

106.0000, 0.0000, 0.0000

Achromatomaly

106.1970, 1.3819, 23.5062

CSS Examples

Text

The CSS property to change the color of the text to YUV 105.9600, 4.4567, 64.0561 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(179, 67, 115)` looks like.

```
.text, #text, p{  
    color:rgb(179, 67, 115)  
}
```

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(179, 67, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 67, 115) }
```

Border

The CSS property to change the border of an element to YUV 105.9600, 4.4567, 64.0561 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(179, 67, 115) }
```


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

```
.border{ border-color:rgb(179, 67, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 67, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 67, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 67, 115);  
box-shadow:4px 4px 4px 4px rgb(179, 67,  
115) }
```

Background

The CSS property to change the background color of an element to YUV 105.9600, 4.4567, 64.0561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 67, 115) }
```

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

```
.background{ background-color: rgb(179, 67,  
115) }
```

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