

Converting Colors

YUV(93.9500, 5.9407, 7.9369)

Have a look what the booklet for
YUV(93.9500, 5.9407, 7.9369)
contains.

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Color

**YUV(93.9500, 5.9407,
7.9369)**

Conversions

Conversions Part 1

Format	Color
Hex	67576A
RGB	103, 87, 106
RGB Percent	40%, 34%, 42%
CMY	0.5961, 0.6588, 0.5843
CMYK	0.03, 0.18, 0.00, 0.58
HSL	291°, 10%, 38%
HSV	291°, 18%, 42%
XYZ	11.6032, 10.7406, 15.0972
YIQ	93.9500, 3.4370, 9.3010

Conversions

Conversions Part 2

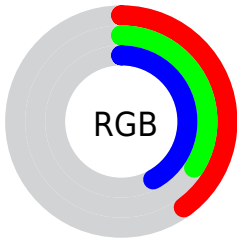
Format	Color
R_{YB}	103, 87, 106
Decimal	6772586
CIE Lab	39.14, 10.36, -8.45
CIE LCh	39, 13.371, 320.819
Yxy	10.7406, 0.3099, 0.2869
Android (android.graphics.Color)	4284962666 (0xFF67576A)
YUV	93.9500, 5.9407, 7.9369
Hunter-Lab	32.7728, 5.8457, -4.3718

Details

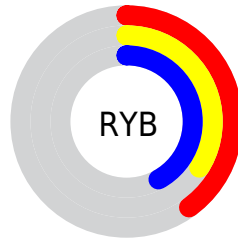
The YUV color **93.9500, 5.9407, 7.9369** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **99.0500, -5.9406, -7.9368**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.3630, 6.2300, 8.4516**, and **48.1240, 5.3619, 6.9073** is the 20% darker color. If you saturate the color by 10%, you get **86.8950, 9.4188, 12.3701**, and if you desaturate by 10%, it is **101.0050, 2.4625, 3.5036**.

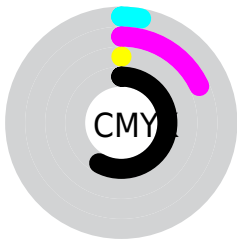
Distribution



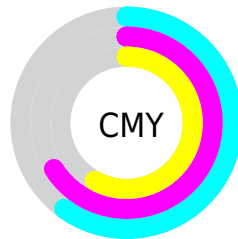
- Red (40%)
- Green (34%)
- Blue (42%)



- Red (40%)
- Yellow (34%)
- Blue (42%)



- Cyan (3%)
- Magenta (18%)
- Yellow (0%)
- Black (58%)



- Cyan (60%)
- Magenta (66%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.9500, 5.9407, 7.9369 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 93.9500, 5.9407, 7.9369 by changing the saturation by 10% instead.

■ 93.9500, 5.9407,
7.9369

■ 93.9500, 5.9407,
7.9369

■ 255.0000, 0.0000,
0.0000

■ 70.5370, 5.6513,
7.4221

■ 144.3630, 6.2300,
8.4516

■ 48.1240, 5.3619,
6.9073

■ 170.7760, 6.5194,
8.9664

■ 26.7110, 5.0725,
6.3925

■ 198.1890, 6.8088,
9.4812

■ 4.5150, 5.6621,
3.9333

■ 226.1890, 6.8088,
9.4812

■ 0.0000, 0.0000,
0.0000

■ 250.3040, 2.3151,
4.1184

■ 93.9500, 5.9407,
7.9369

■ 93.9500, 5.9407,
7.9369

■ 86.8950, 9.4188,
12.3701

■ 101.0050, 2.4625,
3.5036

■ 80.7260, 12.4601,
16.9033

■ 107.1740, -0.5788,
-1.0296

■ 73.6710, 15.9382,
21.3365

■ 114.2290, -4.0569,
-5.4628

■ 67.2030, 19.1269,
25.2550

■ 120.6970, -7.2456,
-9.3813

■ 60.4470, 22.4576,
30.3030

■ 127.4530,
-10.5763, -14.4293

■ 53.3920, 25.9357,
34.7362

■ 134.5080,
-14.0544, -18.8625

■ 46.9240, 29.1245,
38.6547

■ 140.9760,
-17.2432, -22.7810

■ 40.1680, 32.4552,

■ 147.7320,

43.7027

-20.5739, -27.8290

■ 38.6950, 33.1814,
44.1175

■ 154.2000,
-23.7626, -31.7474

Harmonies

Analogous

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



93.0950, 9.3202, -2.7143



93.9500, 5.9407, 7.9369



94.3270, 0.8248, 15.4992

Triad

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



93.9500, 5.9407, 7.9369



92.0200, -10.3629, 10.5065



87.3500, 5.7435, -22.2319

Complementary

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



93.9500, 5.9407, 7.9369



99.0500, -5.9406, -7.9368

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.



88.1890, -0.0932, -16.8288



93.9500, 5.9407, 7.9369



90.8940, -9.3147, 0.9700

Square

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



93.9500, 5.9407, 7.9369



93.2210, -8.4900, 16.4692



89.7510, -5.7932, -8.5516



88.8000, 9.9586, -20.8726

Rectangle

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



93.9500, 5.9407, 7.9369



93.5400, -2.2382, 17.9434



89.7510, -5.7932, -8.5516



87.6060, 4.1382, -20.7025

Sweetspot

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



93.9500, 5.9407, 7.9369



133.5920, 2.1731, 2.9888



90.9270, 7.4310, -3.4440



66.3530, 1.3050, 1.4444



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



93.9500, 5.9407, 7.9369



118.3080, 9.7082, 12.8849



94.1630, 2.8776, 10.3810



50.1790, 1.8838, 2.4740



42.9390, 36.5121, 49.1655



89.5240, 76.6497, 102.1495

Inverse Universe

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



93.0230, -1.4903, 11.3808



116.8390, -2.3856, 18.5582



98.8370, -2.8776, -10.3810



49.9080, -0.4476, 3.5887



37.1490, -8.9475, 70.0293



77.7010, -19.0796, 146.7212

Previews

White Background



This preview shows how the YUV color 93.9500, 5.9407, 7.9369 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 93.9500, 5.9407, 7.9369 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

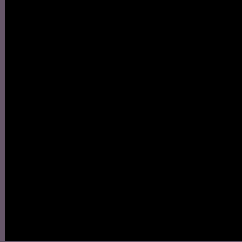
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 93.9500, 5.9407, 7.9369

Background



This preview shows how black text looks on a background with the YUV color 93.9500, 5.9407, 7.9369.



This preview shows how white text looks on a background with the YUV color 93.9500, 5.9407,

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

93.9500, 5.9407, 7.9369

Protanopia

92.4540, 8.1572, -3.0292

Deuteranopia

93.2050, 5.8149, 1.5742



Tritanopia

93.3860, 1.2887, 6.6775

Trichromacy



Original Color

93.9500, 5.9407, 7.9369

Protanomaly

93.2480, 7.2727, 0.6595

Deuteranomaly

93.5150, 5.6621, 3.9333

Tritanomaly

93.5540, 3.1779, 7.4071

Monochromacy



Original Color

93.9500, 5.9407, 7.9369

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

93.5920, 2.1731, 2.9888

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.9500, 5.9407, 7.9369 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(103, 87, 106)` looks like.

```
.text, #text, p{  
    color:rgb(103, 87, 106)  
}
```

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(103, 87, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 87, 106) }
```

Border

The CSS property to change the border of an element to YUV 93.9500, 5.9407, 7.9369 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(103, 87, 106) }
```


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

```
.border{ border-color:rgb(103, 87, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 87, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 87, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 87, 106);  
box-shadow:4px 4px 4px 4px rgb(103, 87,  
106) }
```

Background

The CSS property to change the background color of an element to YUV 93.9500, 5.9407, 7.9369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 87, 106) }
```

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

```
.background{ background-color: rgb(103, 87,  
106) }
```

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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