

Converting Colors

YUV(97.5940, 6.1162, 45.0831)

Have a look what the booklet for
YUV(97.5940, 6.1162, 45.0831)
contains.

YUV(97.5940, 6.1162, 45.0831)	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(97.5940, 6.1162,
45.0831)**

Conversions

Conversions Part 1

Format	Color
Hex	95456E
RGB	149, 69, 110
RGB Percent	58%, 27%, 43%
CMY	0.4157, 0.7294, 0.5686
CMYK	0.00, 0.54, 0.26, 0.42
HSL	329°, 37%, 43%
HSV	329°, 54%, 58%
XYZ	17.3370, 11.7716, 16.1102
YIQ	97.5940, 34.5190, 29.7110

Conversions

Conversions Part 2

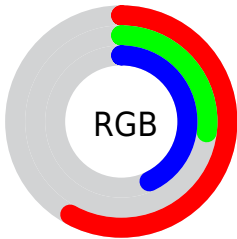
Format	Color
R_{YB}	149, 69, 110
Decimal	9782638
CIE _{Lab}	40.85, 38.52, -7.76
CIE _{LCh}	41, 39.291, 348.604
Yxy	11.7716, 0.3834, 0.2603
Android (android.graphics.Color)	4287972718 (0xFF95456E)
YUV	97.5940, 6.1162, 45.0831
Hunter-Lab	34.3098, 30.1555, -3.8229

Details

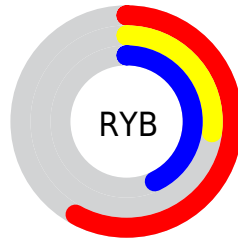
The YUV color **97.5940, 6.1162, 45.0831** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **120.4060, -6.1162, -45.0831**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.2030, 5.8159, 48.0570**, and **45.4520, 8.1582, 43.4536** is the 20% darker color. If you saturate the color by 10%, you get **87.9910, 7.3994, 53.5049**, and if you desaturate by 10%, it is **107.1970, 4.8329, 36.6612**.

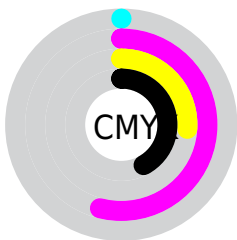
Distribution



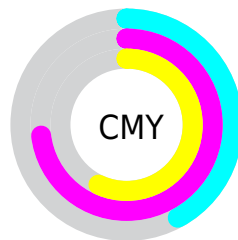
- Red (58%)
- Green (27%)
- Blue (43%)



- Red (58%)
- Yellow (27%)
- Blue (43%)



- Cyan (0%)
- Magenta (54%)
- Yellow (26%)
- Black (42%)





- Cyan (42%)
- Magenta (73%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the YUV color 97.5940, 6.1162, 45.0831 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 97.5940, 6.1162, 45.0831 by changing the saturation by 10% instead.


 97.5940, 6.1162,
45.0831

 97.5940, 6.1162,
45.0831

255.0000, 0.0000,
0.0000

 72.1100, 6.8478,
43.7535


 150.2030, 5.8159,
48.0570

 45.4520, 8.1582,
43.4536

 177.8010, 5.5211,
49.2865

 25.6040, 7.5902,
38.9353

 203.0070, 6.4055,
45.5979

 16.6320, 1.6604,
27.5097

 222.7490, 10.9697,
28.2841

 0.0000, 0.0000,
0.0000

 240.3250, 7.2348,
12.8700

97.5940, 6.1162,
45.0831

97.5940, 6.1162,
45.0831

87.9910, 7.3994,
53.5049

107.1970, 4.8329,
36.6612

78.2740, 8.2459,
62.0267

116.9140, 3.9864,
28.1394

68.6710, 9.5292,
70.4485

126.5170, 2.7031,
19.7176

59.0680, 10.8125,
78.8704

136.1200, 1.4198,
11.2958

53.2150, 11.2330,
84.0034

145.7230, 0.1366,
2.8739

154.8530, -0.4205,
-5.1331

164.4560, -1.7038,
-13.5549

174.0590, -2.9871,

-21.9767

■ 183.6620, -4.2704,
-30.3986

Harmonies

Analogous

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



98.9960, 19.7220, 21.0515



97.5940, 6.1162, 45.0831



95.4520, -8.6038, 53.1006

Triad

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



97.5940, 6.1162, 45.0831



91.2260, -29.6914, 3.3098



80.9860, 31.0659, -71.0247

Complementary

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



97.5940, 6.1162, 45.0831



120.4060, -6.1162, -45.0831

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.



78.9680, 18.2568, -69.2549



97.5940, 6.1162, 45.0831



86.3670, -16.9429, -25.7549

Square

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



97.5940, 6.1162, 45.0831



93.3260, -31.2197, 26.9011



74.6190, 4.1318, -65.4409



78.5870, 39.6436, -68.9208

Rectangle

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



97.5940, 6.1162, 45.0831



95.1990, -18.3391, 48.9375



74.6190, 4.1318, -65.4409



80.6610, 27.2821, -70.7397

Sweetspot

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



97.5940, 6.1162, 45.0831



174.0930, 2.4192, 17.4584



89.7810, 29.1950, 15.9781



84.8210, 1.5672, 10.6810



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



97.5940, 6.1162, 45.0831



114.2580, 9.2398, 69.9337



93.0340, -11.3558, 49.0822



69.4350, 0.2785, 4.0035



49.3560, 10.6705, 77.7408



3.5600, 0.7099, 5.6479

Inverse Universe

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



97.5940, 6.1162, 45.0831



114.2580, 9.2398, 69.9337



124.9660, 11.3558, -49.0822



69.4350, 0.2785, 4.0035



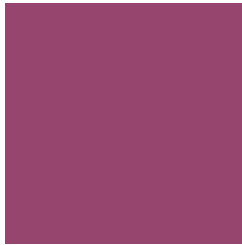
49.3560, 10.6705, 77.7408



3.5600, 0.7099, 5.6479

Previews

White Background



This preview shows how the YUV color 97.5940, 6.1162, 45.0831 looks on a white background.

Color Contrast Check

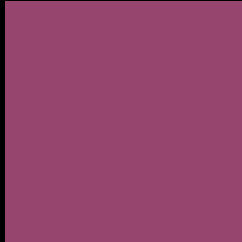
Large Text (above 18pt) WCAG AA ✓ Pass

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 97.5940, 6.1162, 45.0831 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

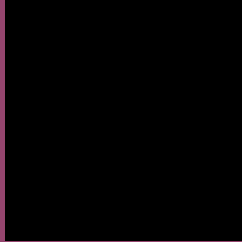
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 97.5940, 6.1162, 45.0831

Background



This preview shows how black text looks on a background with the YUV color 97.5940, 6.1162, 45.0831.

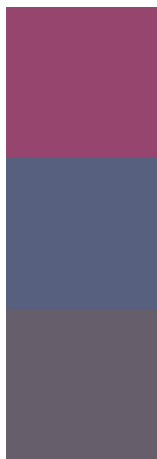


This preview shows how white text looks on a background with the YUV color 97.5940, 6.1162,

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

97.5940, 6.1162, 45.0831

Protanopia

97.2560, 15.1568, -8.1175

Deuteranopia

97.7600, 4.0623, 3.7185



Tritanopia

96.9130, -7.8451, 43.0493

Trichromacy



Original Color

97.5940, 6.1162, 45.0831

Protanomaly

97.1660, 11.7502, 11.2554

Deuteranomaly

97.6740, 4.5977, 18.7029

Tritanomaly

97.2920, -2.6090, 43.5939

Monochromacy



Original Color

97.5940, 6.1162, 45.0831

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

97.6800, 2.1298, 16.9436

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.5940, 6.1162, 45.0831 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(149, 69, 110)` looks like.

```
.text, #text, p{  
    color:rgb(149, 69, 110)  
}
```

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(149, 69, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 69, 110) }
```

Border

The CSS property to change the border of an element to YUV 97.5940, 6.1162, 45.0831 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(149, 69, 110) }
```


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

```
.border{ border-color:rgb(149, 69, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 69, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 69, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 69, 110);  
box-shadow:4px 4px 4px 4px rgb(149, 69,  
110) }
```

Background

The CSS property to change the background color of an element to YUV 97.5940, 6.1162, 45.0831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 69, 110) }
```

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

```
.background{ background-color: rgb(149, 69,  
110) }
```

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