

Converting Colors

YUV(96.0830, 14.2561, 0.8042)

Have a look what the booklet for
YUV(96.0830, 14.2561, 0.8042)
contains.

YUV(96.0830, 14.2561, 0.8042)	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(96.0830, 14.2561,
0.8042)**

Conversions

Conversions Part 1

Format	Color
Hex	615A7D
RGB	97, 90, 125
RGB Percent	38%, 35%, 49%
CMY	0.6196, 0.6471, 0.5098
CMYK	0.22, 0.28, 0.00, 0.51
HSL	252°, 16%, 42%
HSV	252°, 28%, 49%
XYZ	12.2876, 11.3344, 20.9422
YIQ	96.0830, -7.0630, 12.3690

Conversions

Conversions Part 2

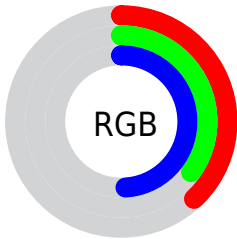
Format	Color
R_{YB}	97, 90, 125
Decimal	6380157
CIE _{Lab}	40.14, 10.85, -18.66
CIE _{LCh}	40, 21.581, 300.171
Yxy	11.3344, 0.2757, 0.2543
Android (android.graphics.Color)	4284570237 (0xFF615A7D)
YUV	96.0830, 14.2561, 0.8042
Hunter-Lab	33.6666, 6.2323, -13.3145

Details

The YUV color **96.0830, 14.2561, 0.8042** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **118.9170, -14.2561, -0.8042**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.7240, 15.4191, 1.1191**, and **49.4420, 13.0931, 0.4894** is the 20% darker color. If you saturate the color by 10%, you get **86.0490, 19.2028, 0.8340**, and if you desaturate by 10%, it is **106.7040, 9.0199, 0.2596**.

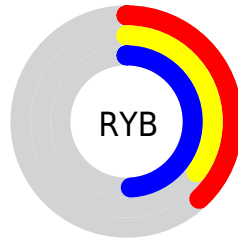
Distribution



 Red (38%)

 Green (35%)

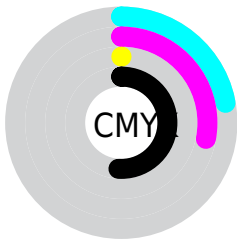
 Blue (49%)



 Red (38%)

 Yellow (35%)

 Blue (49%)

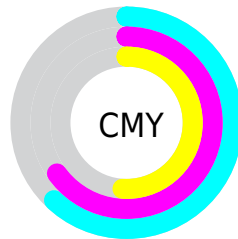


 Cyan (22%)

 Magenta (28%)

 Yellow (0%)

 Black (51%)



 Cyan (62%)

 Magenta (65%)

 Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.0830, 14.2561, 0.8042 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 96.0830, 14.2561, 0.8042 by changing the saturation by 10% instead.

■ 96.0830, 14.2561,
0.8042

■ 96.0830, 14.2561,
0.8042

■ 255.0000, 0.0000,
0.0000

■ 72.5560, 13.5299,
0.3894

■ 146.7240, 15.4191,
1.1191

■ 49.4420, 13.0931,
0.4894

■ 173.1370, 15.7085,
1.6339

■ 28.2030, 12.2249,
-1.0550

■ 201.1370, 15.7085,
1.6339

■ 5.7410, 12.9457,
1.1041

■ 227.8660, 13.3771,
2.7485

■ 0.4560, 1.7472,
-0.3999

■ 252.0650, 1.4470,
2.5740

■ 0.0000, 0.0000,
0.0000

■ 96.0830, 14.2561,
0.8042

■ 96.0830, 14.2561,
0.8042

■ 86.0490, 19.2028,
0.8340

■ 106.7040, 9.0199,
0.2596

■ 75.4280, 24.4390,
1.3786

■ 116.7380, 4.0732,
0.2298

■ 65.3940, 29.3858,
1.4085

■ 127.3590, -1.1630,
-0.3148

■ 54.7730, 34.6219,
1.9531

■ 137.3930, -6.1097,
-0.3447

■ 44.1520, 39.8581,
2.4977

■ 148.0140,
-11.3459, -0.8893

■ 34.1180, 44.8048,
2.5275

■ 158.0480,
-16.2927, -0.9191

■ 24.0840, 49.7516,
2.5573

■ 168.6690,
-21.5288, -1.4637

■ 21.7250, 50.9146,

■ 178.7030,

2.8722

-26.4756, -1.4935

■ 189.3240,
-31.7117, -2.0381

Harmonies

Analogous

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



92.4010, 18.5363, -18.7687



96.0830, 14.2561, 0.8042



97.0590, 7.3659, 17.4883

Triad

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



96.0830, 14.2561, 0.8042



94.6580, -14.6214, 23.1019



85.8170, 4.0342, -34.0425

Complementary

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



96.0830, 14.2561, 0.8042



118.9170, -14.2561, -0.8042

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.



88.6850, -5.7607, -19.0177



96.0830, 14.2561, 0.8042



93.8970, -17.2042, 11.4913

Square

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



96.0830, 14.2561, 0.8042



96.1840, -8.9647, 28.7796



91.7210, -13.6665, -3.2633



83.6830, 13.9603, -44.4490

Rectangle

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



96.0830, 14.2561, 0.8042



97.0230, 1.9607, 24.5358



91.7210, -13.6665, -3.2633



86.9270, 0.5290, -29.7540

Sweetspot

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



96.0830, 14.2561, 0.8042



152.3790, 5.2362, 0.5446



110.4260, 7.1850, -17.9136



74.6240, 3.6364, 0.3298



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



96.0830, 14.2561, 0.8042



117.5590, 22.4024, 1.2638



101.4650, 11.6028, 11.8702



58.3960, 2.7628, 0.5297



22.0670, 52.2250, 2.5722



0.0000, 0.0000, 0.0000

Inverse Universe

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



103.6570, 7.0711, 18.7178



129.4610, 11.1117, 29.4137



113.8340, -11.7502, -11.2554



59.6630, 1.1521, 3.8035



49.9000, 25.6853, 68.4937



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 96.0830, 14.2561, 0.8042 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 96.0830, 14.2561, 0.8042 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

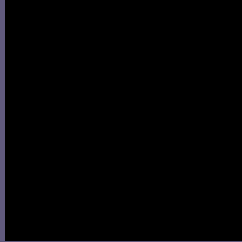
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 96.0830, 14.2561, 0.8042

Background



This preview shows how black text looks on a background with the YUV color 96.0830, 14.2561, 0.8042.



This preview shows how white text looks on a background with the YUV color 96.0830, 14.2561,

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

96.0830, 14.2561, 0.8042

Protanopia

94.5980, 16.4672, -8.4174

Deuteranopia

95.0390, 14.2778, -6.1732



Tritanopia

94.6130, 3.6418, -1.4146

Trichromacy



Original Color

96.0830, 14.2561, 0.8042

Protanomaly

95.0930, 15.7302, -5.3436

Deuteranomaly

95.3490, 14.1249, -3.8141

Tritanomaly

95.2370, 7.2782, -1.0848

Monochromacy



Original Color

96.0830, 14.2561, 0.8042

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

96.0800, 5.3836, -0.0702

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.0830, 14.2561, 0.8042 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(97, 90, 125)` looks like.

```
.text, #text, p{  
    color:rgb(97, 90, 125)  
}
```

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(97, 90, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 90, 125) }
```

Border

The CSS property to change the border of an element to YUV 96.0830, 14.2561, 0.8042 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(97, 90, 125) }
```


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

```
.border{ border-color:rgb(97, 90, 125) }
```

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

Here you see how a box with a 4 pixel rgb(97, 90, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 90, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 90, 125);  
box-shadow:4px 4px 4px 4px rgb(97, 90,  
125) }
```

Background

The CSS property to change the background color of an element to YUV 96.0830, 14.2561, 0.8042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 90, 125) }
```

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

```
.background{ background-color: rgb(97, 90,  
125) }
```

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