

Converting Colors

YUV(104.8670, 25.2086,
-12.1614)

Have a look what the booklet for
YUV(104.8670, 25.2086, -12.1614)
contains.

YUV(104.8670, 25.2086, -12.1614)	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(104.8670, 25.2086,
-12.1614)**

Conversions

Conversions Part 1	
Format	Color
Hex	5B669C
RGB	91, 102, 156
RGB Percent	36%, 40%, 61%
CMY	0.6431, 0.6000, 0.3882
CMYK	0.42, 0.35, 0.00, 0.39
HSL	230°, 26%, 48%
HSV	230°, 42%, 61%
XYZ	15.0665, 14.1272, 33.3852
YIQ	104.8670, -23.8900, 14.4620

Conversions

Conversions Part 2

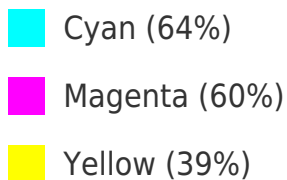
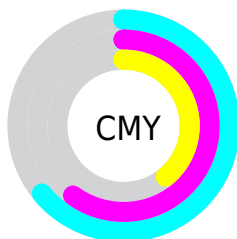
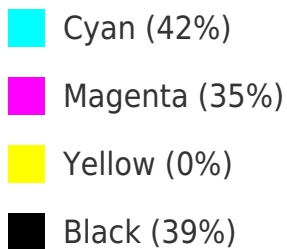
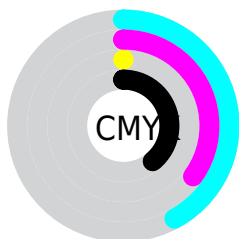
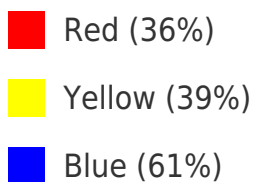
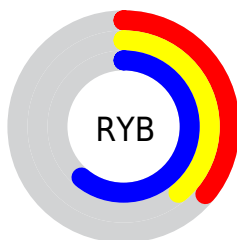
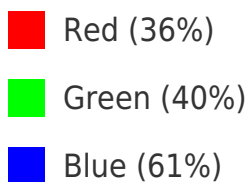
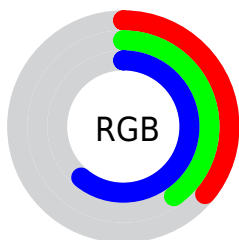
Format	Color
RYB	91, 100, 156
Decimal	5990044
CIELab	44.41, 10.19, -30.70
CIELCh	44, 32.348, 288.365
Yxy	14.1272, 0.2408, 0.2257
Android (android.graphics.Color)	4284180124 (0xFF5B669C)
YUV	104.8670, 25.2086, -12.1614
Hunter-Lab	37.5862, 5.7764, -26.3530

Details

The YUV color **104.8670, 25.2086, -12.1614** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **142.1330, -25.2086, 12.1614**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.9210, 26.6609, -11.3317**, and **56.1010, 23.6142, -14.1206** is the 20% darker color. If you saturate the color by 10%, you get **92.4520, 31.3292, -15.3054**, and if you desaturate by 10%, it is **117.2820, 19.0880, -9.0173**.


Distribution




Brightness & Saturation Gradients


These gradients show how the YUV color 104.8670, 25.2086, -12.1614 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 104.8670, 25.2086, -12.1614 by changing the saturation by 10% instead.


 104.8670, 25.2086,
-12.1614


 104.8670, 25.2086,
-12.1614


255.0000, 0.0000,
0.0000


 80.0410, 24.6298,
-13.1910


 156.9210, 26.6609,
-11.3317


 56.1010, 23.6142,
-14.1206


 184.0350, 27.0977,
-11.4317


 31.7690, 23.7779,
-19.9684

 210.0800, 22.1456,
-9.7172

 14.1290, 21.1354,
-12.3911

 234.8880, 9.9152,
-6.9178

 5.1640, 14.7091,
-4.5288

 1.0260, 3.9312,
-0.8998

 0.0000, 0.0000,

0.0000

■ 104.8670, 25.2086,
-12.1614

■ 104.8670, 25.2086,
-12.1614

■ 92.4520, 31.3292,
-15.3054

■ 117.2820, 19.0880,
-9.0173

■ 80.3360, 37.3024,
-17.8347

■ 129.3980, 13.1148,
-6.4880

■ 67.9210, 43.4229,
-20.9787

■ 141.8130, 6.9942,
-3.3440

■ 55.8050, 49.3961,
-23.5080

■ 153.9290, 1.0210,
-0.8147

■ 43.3900, 55.5167,
-26.6520

■ 166.3440, -5.0996,
2.3293

■ 33.0460, 60.6163,
-28.9813

■ 178.7590,
-11.2202, 5.4734

■ 190.8750,
-17.1934, 8.0026

■ 203.2900,
-23.3140, 11.1467

■ 215.4060,
-29.2872, 13.6759

Harmonies

Analogous

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



93.2210, 31.4430, -51.9368



104.8670, 25.2086, -12.1614



108.3500, 16.0965, 17.2331

Triad

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



104.8670, 25.2086, -12.1614



104.9050, -19.1802, 38.6713



89.4360, 1.7571, -50.3714

Complementary

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



104.8670, 25.2086, -12.1614



142.1330, -25.2086, 12.1614

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.



97.3830, -14.4858, -20.5069



104.8670, 25.2086, -12.1614



103.7970, -25.5359, 23.8570

Square

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



104.8670, 25.2086, -12.1614



106.0980, -8.4293, 43.7641



101.3060, -24.3079, 3.2396



83.6470, 18.4150, -73.3584

Rectangle

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



104.8670, 25.2086, -12.1614



107.7880, 8.4855, 31.7579



101.3060, -24.3079, 3.2396



92.9060, -4.3907, -38.5056

Sweetspot

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



104.8670, 25.2086, -12.1614



183.0130, 10.3466, -5.2734



135.1970, 4.3399, -38.7608



88.9980, 6.4100, -2.6292



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.



104.8670, 25.2086, -12.1614



123.6070, 39.6337, -18.9493



104.6890, 25.2963, 6.4117



72.4990, 3.2050, -1.3146



30.3900, 55.5167, -26.6520



3.4710, 5.6838, -3.0441

Inverse Universe

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



111.6890, -4.7767, 38.8607



134.4360, -7.6099, 61.0076



142.3110, -25.2963, -6.4117



73.5060, -0.7425, 4.8182



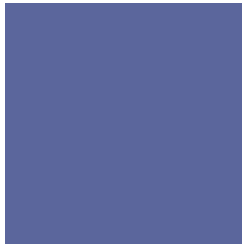
45.4930, -10.5960, 85.5136



4.8270, -0.9007, 8.9217

Previews

White Background



This preview shows how the YUV color 104.8670, 25.2086, -12.1614 looks on a white background.

Color Contrast Check

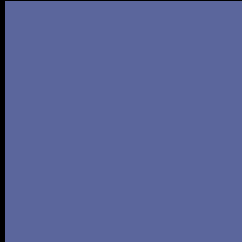
Large Text (above 18pt) WCAG AA ✓ Pass

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 104.8670, 25.2086, -12.1614 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 104.8670, 25.2086, -12.1614

Background



This preview shows how black text looks on a background with the YUV color 104.8670, 25.2086, -12.1614.



This preview shows how white text looks on a background with the YUV color 104.8670, 25.2086, -12.1614.

-12.1614.

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

104.8670, 25.2086, -12.1614

Protanopia

104.0730, 26.0930, -15.8500

Deuteranopia

103.6490, 25.8090, -18.1092



Tritanopia

102.2410, 7.7692, -18.6284

Trichromacy



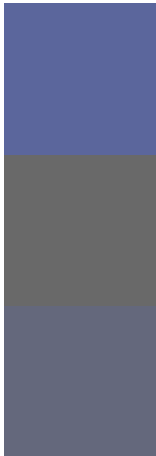
Original Color
104.8670, 25.2086, -12.1614

Protanomaly
104.6710, 25.7982, -14.6205

Deuteranomaly
103.9590, 25.6562, -15.7500

Tritanomaly
103.2720, 14.1629, -16.0245

Monochromacy



Original Color
104.8670, 25.2086, -12.1614

Achromatopsia
105.0000, 0.0000, 0.0000

Achromatomaly
105.0840, 9.3256, -4.4587

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.8670, 25.2086, -12.1614 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(91, 102, 156) looks like.

```
.text, #text, p{  
    color:rgb(91, 102, 156)  
}
```

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(91, 102, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 102, 156) }
```

Border

The CSS property to change the border of an element to YUV 104.8670, 25.2086, -12.1614 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(91, 102, 156) }
```

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

```
.border{ border-color:rgb(91, 102, 156) }
```

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

Here you see how a box with a 4 pixel rgb(91, 102, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 102, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 102, 156);  
box-shadow:4px 4px 4px 4px rgb(91, 102,  
156) }
```

Background

The CSS property to change the background color of an element to YUV 104.8670, 25.2086, -12.1614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 102, 156) }
```

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

```
.background{ background-color: rgb(91, 102,  
156) }
```

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