

Converting Colors

YUV(101.7660, 14.9054,
-20.8428)

Have a look what the booklet for
YUV(101.7660, 14.9054, -20.8428)
contains.

YUV(101.7660, 14.9054, -20.8428)	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(101.7660, 14.9054,
-20.8428)**

Conversions

Conversions Part 1

Format	Color
Hex	4E6C84
RGB	78, 108, 132
RGB Percent	31%, 42%, 52%
CMY	0.6941, 0.5765, 0.4824
CMYK	0.41, 0.18, 0.00, 0.48
HSL	207°, 26%, 41%
HSV	207°, 41%, 52%
XYZ	12.6693, 14.0108, 23.8664
YIQ	101.7660, -25.5840, 1.1040

Conversions

Conversions Part 2

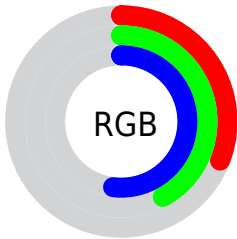
Format	Color
R _Y B	78, 97, 132
Decimal	5139588
CIE Lab	44.25, -4.28, -16.71
CIE LCh	44, 17.251, 255.638
Yxy	14.0108, 0.2506, 0.2772
Android (android.graphics.Color)	4283329668 (0xFF4E6C84)
YUV	101.7660, 14.9054, -20.8428
Hunter-Lab	37.4310, -5.0871, -11.6023

Details

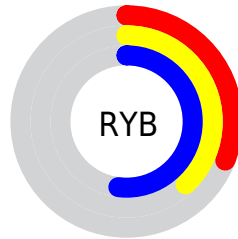
The YUV color **101.7660, 14.9054, -20.8428** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **108.2340, -14.9054, 20.8428**, and the grayscale version is **102.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.9940, 15.7790, -21.0427**, and **53.5270, 14.0372, -22.3872** is the 20% darker color. If you saturate the color by 10%, you get **94.3570, 18.5580, -25.7461**, and if you desaturate by 10%, it is **109.1750, 11.2527, -15.9395**.

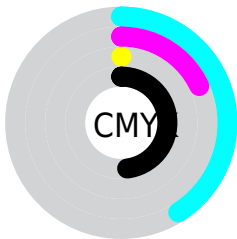
Distribution



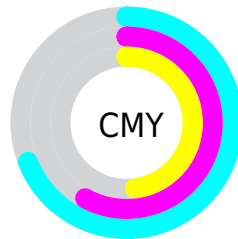
- Red (31%)
- Green (42%)
- Blue (52%)



- Red (31%)
- Yellow (38%)
- Blue (52%)



- Cyan (41%)
- Magenta (18%)
- Yellow (0%)
- Black (48%)



- Cyan (69%)
- Magenta (58%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 101.7660, 14.9054, -20.8428 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 101.7660, 14.9054, -20.8428 by changing the saturation by 10% instead.

■ 101.7660, 14.9054,
-20.8428

■ 101.7660, 14.9054,
-20.8428

■ 255.0000, 0.0000,
0.0000

■ 77.3530, 14.6160,
-21.3576

■ 152.9940, 15.7790,
-21.0427

■ 53.5270, 14.0372,
-22.3872

■ 180.1080, 16.2158,
-21.1427

■ 29.6190, 14.4848,
-25.9759

■ 207.8090, 16.3632,
-21.7575

■ 15.4850, 11.0999,
-13.5803

■ 234.2130, 10.2480,
-20.3578

■ 2.4110, 6.6994,
-2.1144

■ 250.5150, 2.2111,
-9.2217

■ 0.0000, 0.0000,
0.0000

■ 101.7660, 14.9054,
-20.8428

■ 101.7660, 14.9054,
-20.8428

■ 94.3570, 18.5580,
-25.7461

■ 109.1750, 11.2527,
-15.9395

■ 86.9480, 22.2106,
-30.6494

■ 116.5840, 7.6001,
-11.0362

■ 79.2400, 26.0107,
-36.1675

■ 124.2920, 3.8000,
-5.5181

■ 72.4180, 29.3739,
-41.5856

■ 131.1140, 0.4368,
-0.1000

■ 65.0090, 33.0266,
-46.4889

■ 138.5230, -3.2158,
4.8033

■ 57.8990, 36.5318,
-50.7774

■ 145.9320, -6.8685,
9.7066

■ 153.3410,
-10.5211, 14.6099

■ 161.0490,

-14.3212, 20.1280

 168.4580,
-17.9738, 25.0313

Harmonies

Analogous

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



98.8420, 12.8959, -29.6794



101.7660, 14.9054, -20.8428



104.8110, 13.4042, -5.9732

Triad

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



101.7660, 14.9054, -20.8428



106.4160, -4.1491, 24.1912



101.3550, -8.5560, -9.0813

Complementary

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



101.7660, 14.9054, -20.8428



108.2340, -14.9054, 20.8428

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.



102.9930, -12.8145, 3.5141



101.7660, 14.9054, -20.8428



105.7980, -10.2534, 22.1022

Square

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



101.7660, 14.9054, -20.8428



107.1040, 2.4137, 19.2028



104.5430, -13.5787, 15.3098



99.2270, -1.0979, -21.2471

Rectangle

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



101.7660, 14.9054, -20.8428



106.1820, 10.7563, 3.3484



104.5430, -13.5787, 15.3098



102.2200, -10.4615, -4.5779

Sweetspot

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



101.7660, 14.9054, -20.8428



159.4380, 5.7001, -8.2771



112.3200, -5.5808, -30.0986



79.8900, 3.5052, -4.2885



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



101.7660, 14.9054, -20.8428



124.1650, 23.0897, -32.5937



86.5040, 22.4295, -7.4580



62.4450, 1.7526, -2.1443



57.0840, 35.9476, -50.0627



0.9290, 1.0210, -0.8147

Inverse Universe

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



97.5660, 5.1440, 30.1986



117.4740, 8.1473, 46.9423



123.4960, -22.4295, 7.4580



62.1360, 0.4260, 3.3887



47.0780, 12.2865, 72.7226



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 101.7660, 14.9054, -20.8428 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 101.7660, 14.9054, -20.8428 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

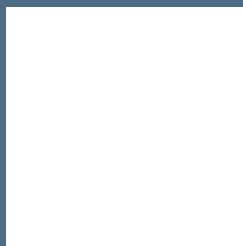
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 101.7660, 14.9054, -20.8428

Background



This preview shows how black text looks on a background with the YUV color 101.7660, 14.9054, -20.8428.



This preview shows how white text looks on a background with the YUV color 101.7660, 14.9054, -20.8428.

-20.8428.

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

101.7660, 14.9054, -20.8428

Protanopia

104.4690, 12.0938, -5.6733

Deuteranopia

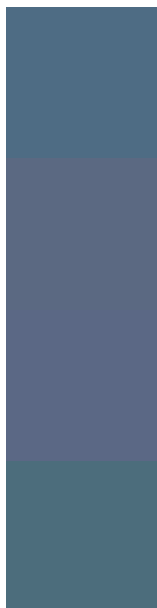
104.6370, 13.9830, -4.9436



Tritanopia

100.5610, 9.0904, -22.4170

Trichromacy



Original Color

101.7660, 14.9054, -20.8428

Protanomaly

103.6640, 12.9836, -11.1063

Deuteranomaly

103.4190, 14.5834, -10.8915

Tritanomaly

100.8430, 11.4164, -21.7873

Monochromacy



Original Color

101.7660, 14.9054, -20.8428

Achromatopsia

102.0000, 0.0000, 0.0000

Achromatomaly

101.7370, 5.5527, -7.6623

CSS Examples

Text

The CSS property to change the color of the text to YUV 101.7660, 14.9054, -20.8428 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(78, 108, 132)` looks like.

```
.text, #text, p{  
    color:rgb(78, 108, 132)  
}
```

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(78, 108, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 108, 132) }
```

Border

The CSS property to change the border of an element to YUV 101.7660, 14.9054, -20.8428 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(78, 108, 132) }
```


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

```
.border{ border-color:rgb(78, 108, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 108, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 108, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 108, 132);  
box-shadow:4px 4px 4px 4px rgb(78, 108,  
132) }
```

Background

The CSS property to change the background color of an element to YUV 101.7660, 14.9054, -20.8428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 108, 132) }
```

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

```
.background{ background-color: rgb(78, 108,  
132) }
```

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