

Converting Colors

YUV(94.5230, 30.3082,
-14.4907)

Have a look what the booklet for
YUV(94.5230, 30.3082, -14.4907)
contains.

YUV(94.5230, 30.3082, -14.4907)	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(94.5230, 30.3082,
-14.4907)**

Conversions

Conversions Part 1

Format	Color
Hex	4E5B9C
RGB	78, 91, 156
RGB Percent	31%, 36%, 61%
CMY	0.6941, 0.6431, 0.3882
CMYK	0.50, 0.42, 0.00, 0.39
HSL	230°, 33%, 46%
HSV	230°, 50%, 61%
XYZ	12.8837, 11.5022, 32.9936
YIQ	94.5230, -28.6130, 17.4590

Conversions

Conversions Part 2

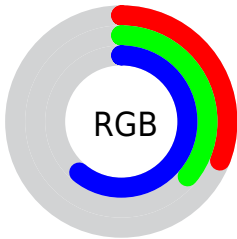
Format	Color
R_{YB}	78, 89, 156
Decimal	5135260
CIE _{Lab}	40.41, 13.68, -37.07
CIE _{LCh}	40, 39.514, 290.259
Yxy	11.5022, 0.2245, 0.2005
Android (android.graphics.Color)	4283325340 (0xFF4E5B9C)
YUV	94.5230, 30.3082, -14.4907
Hunter-Lab	33.9149, 8.4584, -33.9390

Details

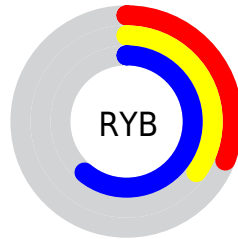
The YUV color **94.5230, 30.3082, -14.4907** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **139.4770, -30.3082, 14.4907**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.2890, 31.9025, -12.5315**, and **45.1370, 29.0195, -21.1681** is the 20% darker color. If you saturate the color by 10%, you get **82.1080, 36.4288, -17.6347**, and if you desaturate by 10%, it is **106.9380, 24.1876, -11.3466**.

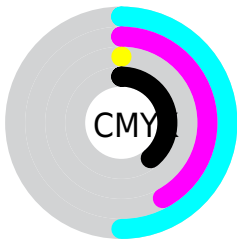
Distribution



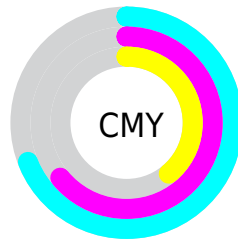
- Red (31%)
- Green (36%)
- Blue (61%)



- Red (31%)
- Yellow (35%)
- Blue (61%)



- Cyan (50%)
- Magenta (42%)
- Yellow (0%)
- Black (39%)



- Cyan (69%)
- Magenta (64%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.5230, 30.3082, -14.4907 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 94.5230, 30.3082, -14.4907 by changing the saturation by 10% instead.

■ 94.5230, 30.3082,
-14.4907

■ 94.5230, 30.3082,
-14.4907

■ 255.0000, 0.0000,
0.0000

■ 69.9850, 29.5874,
-16.6498

■ 146.2890, 31.9025,
-12.5315

■ 45.1370, 29.0195,
-21.1681

■ 172.8160, 32.6287,
-12.1166

■ 24.3820, 27.4197,
-21.3830

■ 198.8610, 27.6765,
-10.4021

■ 6.4980, 24.8975,
-5.6987

■ 223.6690, 15.4462,
-7.6027

■ 5.0500, 14.2723,
-4.4289

■ 249.3630, 2.7790,
-4.7034

■ 0.9120, 3.4944,
-0.7998

■ 0.0000, 0.0000,

0.0000

■ 94.5230, 30.3082,
-14.4907

■ 94.5230, 30.3082,
-14.4907

■ 82.1080, 36.4288,
-17.6347

■ 106.9380, 24.1876,
-11.3466

■ 69.9920, 42.4019,
-20.1640

■ 119.0540, 18.2144,
-8.8174

■ 57.5770, 48.5225,
-23.3080

■ 131.4690, 12.0938,
-5.6733

■ 45.4610, 54.4957,
-25.8373

■ 143.5850, 6.1206,
-3.1440

■ 33.0460, 60.6163,
-28.9813

■ 156.0000, 0.0000,
0.0000

■ 168.4150, -6.1206,
3.1440

■ 180.5310,
-12.0938, 5.6733

■ 192.9460,
-18.2144, 8.8174

■ 205.0620,
-24.1876, 11.3466

Harmonies

Analogous

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



78.0000, 39.9330, -68.4060



94.5230, 30.3082, -14.4907



98.4800, 18.9904, 22.3810

Triad

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



94.5230, 30.3082, -14.4907



93.4990, -23.4170, 44.2894



74.0320, 4.4212, -64.9261

Complementary

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



94.5230, 30.3082, -14.4907



139.4770, -30.3082, 14.4907

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.



84.5840, -16.0639, -27.6992



94.5230, 30.3082, -14.4907



92.5000, -31.7985, 25.8715

Square

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



94.5230, 30.3082, -14.4907



94.2240, -9.4774, 53.3006



89.6280, -29.3966, 2.0802



78.4950, 18.9830, -68.8401

Rectangle

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



94.5230, 30.3082, -14.4907



97.2990, 10.2056, 40.0798



89.6280, -29.3966, 2.0802



72.7780, -0.3836, -63.8263

Sweetspot

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



94.5230, 30.3082, -14.4907



180.0560, 11.8044, -6.1881



131.1960, 5.8194, -46.6529



87.8130, 6.9942, -3.3440



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.



94.5230, 30.3082, -14.4907



107.6480, 47.5015, -22.4933



94.6660, 30.2377, 8.1859



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.



102.8040, -5.8194, 46.6529



120.7580, -9.2477, 73.0032



139.3340, -30.2377, -8.1859



73.5060, -0.7425, 4.8182



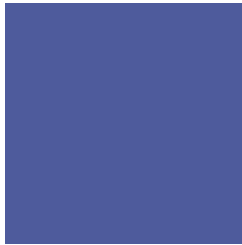
45.4930, -10.5960, 85.5136



4.8270, -0.9007, 8.9217

Previews

White Background



This preview shows how the YUV color 94.5230, 30.3082, -14.4907 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 94.5230, 30.3082, -14.4907 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

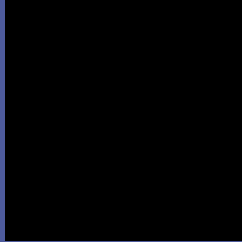
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 94.5230, 30.3082, -14.4907

Background



This preview shows how black text looks on a background with the YUV color 94.5230, 30.3082, -14.4907.



This preview shows how white text looks on a background with the YUV color 94.5230, 30.3082, -14.4907.

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

94.5230, 30.3082, -14.4907

Protanopia

92.9350, 32.0770, -21.8680

Deuteranopia

90.7770, 31.6619, -28.7454



Tritanopia

90.5500, 9.0959, -24.1613

Trichromacy



Original Color

94.5230, 30.3082, -14.4907

Protanomaly

93.4300, 31.3400, -18.7941

Deuteranomaly

92.2830, 30.9195, -23.9272

Tritanomaly

91.6350, 16.9419, -20.7279

Monochromacy



Original Color

94.5230, 30.3082, -14.4907

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

95.1270, 10.7834, -5.3734

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.5230, 30.3082, -14.4907 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, 91, 156)` looks like.

```
.text, #text, p{  
    color:rgb(78, 91, 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(78, 91, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 91, 156) }
```

Border

The CSS property to change the border of an element to YUV 94.5230, 30.3082, -14.4907 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, 91, 156) }
```


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

```
.border{ border-color:rgb(78, 91, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 91, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 91, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 91, 156);  
box-shadow:4px 4px 4px 4px rgb(78, 91,  
156) }
```

Background

The CSS property to change the background color of an element to YUV 94.5230, 30.3082, -14.4907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 91, 156) }
```

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

```
.background{ background-color: rgb(78, 91,  
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