

Converting Colors

YUV(93.0670, 28.5610,
-14.0908)

Have a look what the booklet for
YUV(93.0670, 28.5610, -14.0908)
contains.

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Color

**YUV(93.0670, 28.5610,
-14.0908)**

Conversions

Conversions Part 1

Format	Color
Hex	4D5A97
RGB	77, 90, 151
RGB Percent	30%, 35%, 59%
CMY	0.6980, 0.6471, 0.4078
CMYK	0.49, 0.40, 0.00, 0.41
HSL	229°, 32%, 45%
HSV	229°, 49%, 59%
XYZ	12.3026, 11.1245, 30.7770
YIQ	93.0670, -27.3290, 16.2150

Conversions

Conversions Part 2

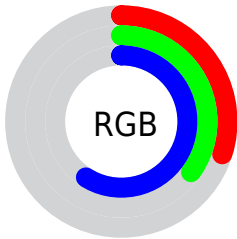
Format	Color
R_{YB}	77, 88, 151
Decimal	5069463
CIE _{Lab}	39.79, 12.45, -35.07
CIE _{LCh}	40, 37.213, 289.550
Yxy	11.1245, 0.2270, 0.2052
Android (android.graphics.Color)	4283259543 (0xFF4D5A97)
YUV	93.0670, 28.5610, -14.0908
Hunter-Lab	33.3534, 7.4727, -31.3628

Details

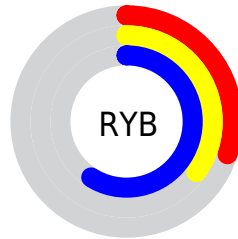
The YUV color **93.0670, 28.5610, -14.0908** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **134.9330, -28.5610, 14.0908**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.5340, 30.3027, -12.7463**, and **44.0940, 27.5617, -20.2534** is the 20% darker color. If you saturate the color by 10%, you get **81.5380, 34.2448, -17.1348**, and if you desaturate by 10%, it is **104.5960, 22.8772, -11.0467**.

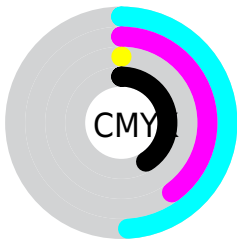
Distribution



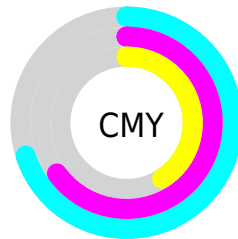
- Red (30%)
- Green (35%)
- Blue (59%)



- Red (30%)
- Yellow (35%)
- Blue (59%)



- Cyan (49%)
- Magenta (40%)
- Yellow (0%)
- Black (41%)



- Cyan (70%)
- Magenta (65%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.0670, 28.5610, -14.0908 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 93.0670, 28.5610, -14.0908 by changing the saturation by 10% instead.

■ 93.0670, 28.5610,
-14.0908

■ 93.0670, 28.5610,
-14.0908

■ 255.0000, 0.0000,
0.0000

■ 68.5290, 27.8402,
-16.2499

■ 144.5340, 30.3027,
-12.7463

■ 44.0940, 27.5617,
-20.2534

■ 171.0610, 31.0289,
-12.3315

■ 23.2250, 25.5251,
-20.3683

■ 197.6760, 28.2607,
-11.1169

■ 5.9280, 22.7135,
-5.1989

■ 222.7830, 15.8830,
-7.7027

■ 4.5940, 12.5252,
-4.0289

■ 248.4770, 3.2158,
-4.8033

■ 0.1140, 0.4368,
-0.1000

■ 0.0000, 0.0000,

0.0000

■ 93.0670, 28.5610,
-14.0908

■ 93.0670, 28.5610,
-14.0908

■ 81.5380, 34.2448,
-17.1348

■ 104.5960, 22.8772,
-11.0467

■ 69.4220, 40.2180,
-19.6641

■ 116.7120, 16.9040,
-8.5174

■ 57.8930, 45.9018,
-22.7082

■ 128.2410, 11.2202,
-5.4734

■ 45.7770, 51.8749,
-25.2374

■ 140.3570, 5.2470,
-2.9441

■ 34.2480, 57.5587,
-28.2815

■ 152.1850, -0.5842,
0.7148

■ 33.0630, 58.1429,
-28.9963

■ 164.3010, -6.5574,
3.2440

■ 175.8300,
-12.2412, 6.2881

■ 187.9460,
-18.2144, 8.8174

■ 199.4750,
-23.8982, 11.8614

Harmonies

Analogous

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



76.1420, 37.8910, -66.7765



93.0670, 28.5610, -14.0908



96.8280, 17.8328, 20.3218

Triad

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



93.0670, 28.5610, -14.0908



92.8300, -22.1012, 42.2451



72.7440, 4.5632, -63.7965

Complementary

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



93.0670, 28.5610, -14.0908



134.9330, -28.5610, 14.0908

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.



84.4210, -15.4906, -24.9252



93.0670, 28.5610, -14.0908



91.1840, -29.1777, 25.2716

Square

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



93.0670, 28.5610, -14.0908



93.3160, -9.0298, 49.7119



88.4970, -27.3600, 2.1951



76.8650, 17.8146, -67.4106

Rectangle

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



93.0670, 28.5610, -14.0908



96.1630, 9.7796, 36.6910



88.4970, -27.3600, 2.1951



74.7900, -1.8685, -54.1898

Sweetspot

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



93.0670, 28.5610, -14.0908



173.2410, 11.2202, -5.4734



127.2780, 4.7929, -44.0938



85.6990, 6.5574, -3.2440



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



93.0670, 28.5610, -14.0908



105.8500, 44.4440, -21.7934



92.3130, 28.9327, 6.7415



70.4990, 3.2050, -1.3146



30.6350, 53.9169, -26.8669



2.6560, 5.0996, -2.3293

Inverse Universe

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



100.6080, -5.2297, 44.1938



117.6650, -8.2158, 68.6998



135.6870, -28.9327, -6.7415



71.5060, -0.7425, 4.8182



44.7100, -9.7170, 83.5693



4.1150, -1.0427, 7.7921

Previews

White Background



This preview shows how the YUV color 93.0670, 28.5610, -14.0908 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 93.0670, 28.5610, -14.0908 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 93.0670, 28.5610, -14.0908

Background



This preview shows how black text looks on a background with the YUV color 93.0670, 28.5610, -14.0908.



This preview shows how white text looks on a background with the YUV color 93.0670, 28.5610,

-14.0908.

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

93.0670, 28.5610, -14.0908

Protanopia

91.9630, 29.5982, -20.1386

Deuteranopia

90.5170, 29.3251, -25.8864



Tritanopia

89.4470, 8.6536, -22.3170

Trichromacy



Original Color

93.0670, 28.5610, -14.0908

Protanomaly

92.2730, 29.4454, -17.7794

Deuteranomaly

91.7240, 28.7301, -21.6829

Tritanomaly

91.0050, 15.7735, -19.2984

Monochromacy



Original Color

93.0670, 28.5610, -14.0908

Achromatopsia

93.0000, 0.0000, 0.0000

Achromatomaly

93.0130, 10.3466, -5.2734

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.0670, 28.5610, -14.0908 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(77, 90, 151)` looks like.

```
.text, #text, p{  
    color:rgb(77, 90, 151)  
}
```

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(77, 90, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 90, 151) }
```

Border

The CSS property to change the border of an element to YUV 93.0670, 28.5610, -14.0908 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(77, 90, 151) }
```


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

```
.border{ border-color:rgb(77, 90, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 90, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 90, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 90, 151);  
box-shadow:4px 4px 4px 4px rgb(77, 90,  
151) }
```

Background

The CSS property to change the background color of an element to YUV 93.0670, 28.5610, -14.0908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 90, 151) }
```

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

```
.background{ background-color: rgb(77, 90,  
151) }
```

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](#).

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