

Converting Colors

YUV(93.0300, 24.6352,
-14.9353)

Have a look what the booklet for
YUV(93.0300, 24.6352, -14.9353)
contains.

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Color

**YUV(93.0300, 24.6352,
-14.9353)**

Conversions

Conversions Part 1

Format	Color
Hex	4C5C8F
RGB	76, 92, 143
RGB Percent	30%, 36%, 56%
CMY	0.7020, 0.6392, 0.4392
CMYK	0.47, 0.36, 0.00, 0.44
HSL	226°, 31%, 43%
HSV	226°, 47%, 56%
XYZ	11.7656, 11.1740, 27.5233
YIQ	93.0300, -25.9070, 12.4690

Conversions

Conversions Part 2

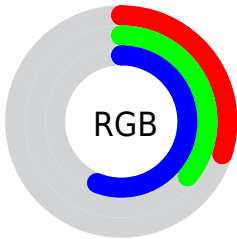
Format	Color
R _Y B	76, 89, 143
Decimal	5004431
CIE Lab	39.87, 8.36, -30.13
CIE LCh	40, 31.265, 285.511
Yxy	11.1740, 0.2332, 0.2214
Android (android.graphics.Color)	4283194511 (0xFF4C5C8F)
YUV	93.0300, 24.6352, -14.9353
Hunter-Lab	33.4275, 4.3291, -25.4185

Details

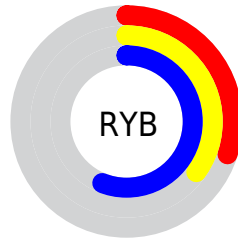
The YUV color **93.0300, 24.6352, -14.9353** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **125.9700, -24.6352, 14.9353**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.0840, 26.0876, -14.1057**, and **44.9540, 23.1937, -19.2537** is the 20% darker color. If you saturate the color by 10%, you get **82.3870, 29.8822, -17.8794**, and if you desaturate by 10%, it is **103.6730, 19.3882, -11.9912**.

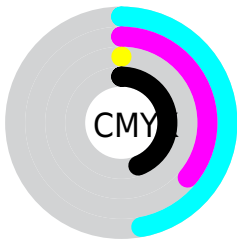
Distribution



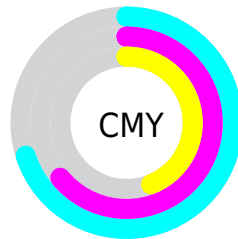
- Red (30%)
- Green (36%)
- Blue (56%)



- Red (30%)
- Yellow (35%)
- Blue (56%)



- Cyan (47%)
- Magenta (36%)
- Yellow (0%)
- Black (44%)



- Cyan (70%)
- Magenta (64%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.0300, 24.6352, -14.9353 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 93.0300, 24.6352, -14.9353 by changing the saturation by 10% instead.

■ 93.0300, 24.6352,
-14.9353

■ 93.0300, 24.6352,
-14.9353

■ 255.0000, 0.0000,
0.0000

■ 68.7910, 23.7670,
-16.4797

■ 144.0840, 26.0876,
-14.1057

■ 44.9540, 23.1937,
-19.2537

■ 170.6110, 26.8138,
-13.6908

■ 23.0140, 22.1781,
-20.1833

■ 198.7250, 27.2506,
-13.7908

■ 5.2440, 20.0927,
-4.5990

■ 223.0600, 15.7464,
-10.5766

■ 3.3230, 10.1938,
-2.9143

■ 248.7540, 3.0793,
-7.6773

■ 0.0000, 0.0000,
0.0000

■ 93.0300, 24.6352,
-14.9353

■ 93.0300, 24.6352,
-14.9353

■ 82.3870, 29.8822,
-17.8794

■ 103.6730, 19.3882,
-11.9912

■ 71.4450, 35.2766,
-21.4383

■ 114.6150, 13.9938,
-8.4324

■ 60.8020, 40.5236,
-24.3824

■ 125.2580, 8.7468,
-5.4883

■ 50.1590, 45.7706,
-27.3264

■ 135.9010, 3.4998,
-2.5442

■ 39.8040, 50.8756,
-31.4001

■ 146.2560, -1.6052,
1.5295

■ 36.2600, 52.6228,
-31.8000

■ 156.8990, -6.8522,
4.4736

■ 167.5420,
-12.0992, 7.4177

■ 178.1850,

-17.3462, 10.3618

 189.1270,
-22.7406, 13.9206

Harmonies

Analogous

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



77.0950, 32.4912, -61.4733



93.0300, 24.6352, -14.9353



96.7410, 16.3967, 14.2591

Triad

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



93.0300, 24.6352, -14.9353



93.7630, -17.1382, 37.0418



79.4150, 0.2884, -45.9680

Complementary

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



93.0300, 24.6352, -14.9353



125.9700, -24.6352, 14.9353

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.



87.2910, -14.9335, -16.9182



93.0300, 24.6352, -14.9353



92.5520, -23.9361, 24.0719

Square

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



93.0300, 24.6352, -14.9353



94.6570, -6.2399, 41.5198



90.5450, -23.4397, 4.7840



75.0070, 15.7725, -65.7811

Rectangle

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



93.0300, 24.6352, -14.9353



96.4070, 9.6593, 28.5841



90.5450, -23.4397, 4.7840



82.9990, -5.4225, -34.2021

Sweetspot

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



93.0300, 24.6352, -14.9353



166.4860, 9.6204, -5.6882



121.0290, 2.4507, -39.4904



82.1720, 5.8312, -3.6588



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



93.0300, 24.6352, -14.9353



108.5310, 38.1922, -23.2677



88.7210, 26.7595, 3.7527



65.9720, 2.4788, -1.7294



34.1740, 49.7072, -29.9706



2.0860, 2.9156, -1.8294

Inverse Universe

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



97.8570, -2.8875, 39.5904



115.9460, -4.4104, 61.4374



130.2790, -26.7595, -3.7527



66.3210, -0.1583, 4.1035



44.0130, -5.9224, 79.7956



2.6200, -0.3057, 4.7183

Previews

White Background



This preview shows how the YUV color 93.0300, 24.6352, -14.9353 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 93.0300, 24.6352, -14.9353 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

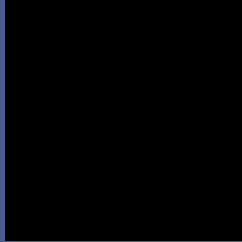
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 93.0300, 24.6352, -14.9353

Background



This preview shows how black text looks on a background with the YUV color 93.0300, 24.6352, -14.9353.



This preview shows how white text looks on a background with the YUV color 93.0300, 24.6352,

-14.9353.

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

93.0300, 24.6352, -14.9353

Protanopia

93.0300, 24.6352, -14.9353

Deuteranopia

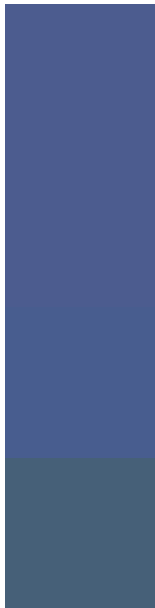
91.8230, 25.2303, -19.1388



Tritanopia

90.0450, 8.3588, -21.0875

Trichromacy



Original Color

93.0300, 24.6352, -14.9353

Protanomaly

93.0300, 24.6352, -14.9353

Deuteranomaly

92.4210, 24.9354, -17.9092

Tritanomaly

90.9620, 14.3157, -18.3837

Monochromacy



Original Color

93.0300, 24.6352, -14.9353

Achromatopsia

93.0000, 0.0000, 0.0000

Achromatomaly

93.2580, 8.7468, -5.4883

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.0300, 24.6352, -14.9353 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(76, 92, 143)` looks like.

```
.text, #text, p{  
    color:rgb(76, 92, 143)  
}
```

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(76, 92, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 92, 143) }
```

Border

The CSS property to change the border of an element to YUV 93.0300, 24.6352, -14.9353 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(76, 92, 143) }
```


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

```
.border{ border-color:rgb(76, 92, 143) }
```

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

Here you see how a box with a 4 pixel rgb(76, 92, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 92, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 92, 143);  
box-shadow:4px 4px 4px 4px rgb(76, 92,  
143) }
```

Background

The CSS property to change the background color of an element to YUV 93.0300, 24.6352, -14.9353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 92, 143) }
```

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

```
.background{ background-color: rgb(76, 92,  
143) }
```

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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