

Converting Colors

YUV(153.9500, 36.0137,
-24.5121)

Have a look what the booklet for
YUV(153.9500, 36.0137, -24.5121)
contains.

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Color

**YUV(153.9500, 36.0137,
-24.5121)**

Conversions

Conversions Part 1

Format	Color
Hex	7E9AE3
RGB	126, 154, 227
RGB Percent	49%, 60%, 89%
CMY	0.5059, 0.3961, 0.1098
CMYK	0.44, 0.32, 0.00, 0.11
HSL	223°, 64%, 69%
HSV	223°, 44%, 89%
XYZ	34.0249, 33.0929, 77.2673
YIQ	153.9500, -40.1210, 16.7670

Conversions

Conversions Part 2

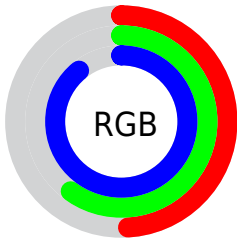
Format	Color
R _Y B	126, 148, 227
Decimal	8297187
CIE Lab	64.24, 9.18, -40.05
CIE LCh	64, 41.092, 282.906
Yxy	33.0929, 0.2357, 0.2292
Android (android.graphics.Color)	4286487267 (0xFF7E9AE3)
YUV	153.9500, 36.0137, -24.5121
Hunter-Lab	57.5264, 4.9055, -39.3676

Details

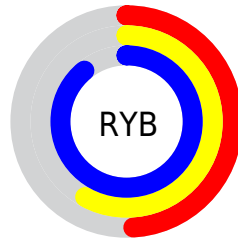
The YUV color **153.9500, 36.0137, -24.5121** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **199.0500, -36.0136, 24.5122**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.5840, 24.3621, -20.6832**, and **100.8850, 34.5667, -27.0861** is the 20% darker color. If you saturate the color by 10%, you get **137.6810, 44.0343, -30.4152**, and if you desaturate by 10%, it is **170.2190, 27.9930, -18.6091**.

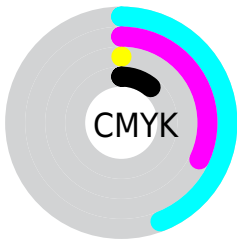
Distribution



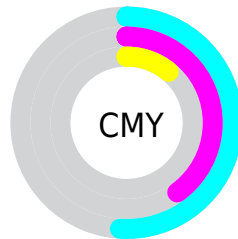
- Red (49%)
- Green (60%)
- Blue (89%)



- Red (49%)
- Yellow (58%)
- Blue (89%)



- Cyan (44%)
- Magenta (32%)
- Yellow (0%)
- Black (11%)



- Cyan (51%)
- Magenta (40%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.9500, 36.0137, -24.5121 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 153.9500, 36.0137, -24.5121 by changing the saturation by 10% instead.

■ 153.9500, 36.0137,
-24.5121

■ 153.9500, 36.0137,
-24.5121

255.0000, 0.0000,
0.0000

■ 127.1240, 35.4349,
-25.5417

■ 205.5840, 24.3621,
-20.6832

■ 100.8850, 34.5667,
-27.0861

■ 230.6910, 11.9843,
-17.2690

■ 74.4500, 34.2882,
-31.0897

■ 250.8140, 2.0637,
-8.6069

■ 46.9110, 35.0469,
-41.1409

■ 31.7340, 30.2041,
-27.8307

■ 16.6710, 25.7982,
-14.6205

■ 7.5920, 18.9351,

-6.6582

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,
0.0000

■ 153.9500, 36.0137,
-24.5121

■ 153.9500, 36.0137,
-24.5121

■ 137.6810, 44.0343,
-30.4152

■ 170.2190, 27.9930,
-18.6091

■ 121.1240, 52.1969,
-35.1887

■ 186.7760, 19.8304,
-13.8356

■ 104.8550, 60.2175,
-41.0918

■ 203.0450, 11.8098,
-7.9325

■ 87.9990, 68.5275,
-46.4801

■ 219.9010, 3.4998,
-2.5442

■ 72.0290, 76.4007,
-51.7684

■ 236.1700, -4.5208,
3.3589

■ 62.8590, 80.9215,
-55.1273

■ 250.0470,
-11.3622, 4.3438

■ 251.8080,
-12.2303, 2.7994

Harmonies

Analogous

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



136.2590, 43.7493, -79.1571



153.9500, 36.0137, -24.5121



159.9400, 24.6796, 17.5926

Triad

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



153.9500, 36.0137, -24.5121



156.3370, -24.3231, 54.9555



138.2410, -2.5838, -58.0934

Complementary

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



153.9500, 36.0137, -24.5121



199.0500, -36.0136, 24.5122

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.



146.7930, -23.0689, -20.8665



153.9500, 36.0137, -24.5121



154.2950, -34.1624, 37.4523

Square

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



153.9500, 36.0137, -24.5121



157.6100, -8.1887, 59.9780



151.4180, -34.2231, 10.1574



122.2190, 24.0490, -107.1861

Rectangle

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



153.9500, 36.0137, -24.5121



160.1400, 14.7210, 38.4652



151.4180, -34.2231, 10.1574



141.9670, -10.3367, -44.6981

Sweetspot

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



153.9500, 36.0137, -24.5121



231.0450, 11.8098, -7.9325



193.4950, 2.2210, -59.1931



112.9160, 7.4364, -5.1883



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



153.9500, 36.0137, -24.5121



157.1090, 48.2603, -32.5446



144.0920, 40.8736, 3.4273



106.1290, 4.3734, -2.7441



49.1690, 64.0067, -43.1212



14.0320, 18.2252, -12.3061

Inverse Universe

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



159.3910, -2.6578, 59.2931



164.5830, -3.7384, 79.2957



208.9080, -40.8736, -3.4273



106.9300, -0.4585, 7.0774



59.1070, -4.9828, 105.1462



16.8450, -1.4026, 29.9539

Previews

White Background



This preview shows how the YUV color 153.9500, 36.0137, -24.5121 looks on a white background.

Color Contrast Check

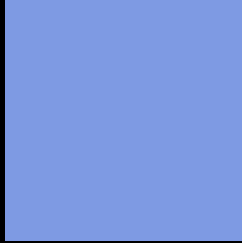
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 153.9500, 36.0137, -24.5121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

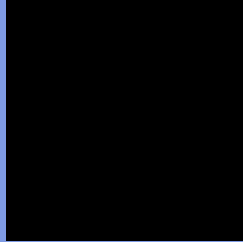
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 153.9500, 36.0137, -24.5121 Background



This preview shows how black text looks on a background with the YUV color 153.9500, 36.0137, -24.5121.



This preview shows how white text looks on a background with the YUV color 153.9500, 36.0137, -24.5121.

-24.5121.

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

153.9500, 36.0137, -24.5121

Protanopia

154.7440, 35.1292, -20.8235

Deuteranopia

153.6510, 36.1611, -25.1269



Tritanopia

149.9340, 13.3435, -33.2681

Trichromacy



Original Color

153.9500, 36.0137, -24.5121

Protanomaly

154.1460, 35.4240, -22.0530

Deuteranomaly

153.6510, 36.1611, -25.1269

Tritanomaly

151.1330, 21.6264, -29.9346

Monochromacy



Original Color

153.9500, 36.0137, -24.5121

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

154.0880, 13.2676, -8.8472

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.9500, 36.0137, -24.5121 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(126, 154, 227)` looks like.

```
.text, #text, p{  
    color:rgb(126, 154, 227)  
}
```

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(126, 154, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 154, 227) }
```

Border

The CSS property to change the border of an element to YUV 153.9500, 36.0137, -24.5121 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(126, 154, 227) }
```


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

```
.border{ border-color:rgb(126, 154, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 154, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 154, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 154, 227);  
box-shadow:4px 4px 4px 4px rgb(126, 154,  
227) }
```

Background

The CSS property to change the background color of an element to YUV 153.9500, 36.0137, -24.5121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 154, 227) }
```

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

```
.background{ background-color: rgb(126,  
154, 227) }
```

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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