

Converting Colors

YUV(97.0500, 31.0344,
-14.0758)

Have a look what the booklet for
YUV(97.0500, 31.0344, -14.0758)
contains.

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Color

**YUV(97.0500, 31.0344,
-14.0758)**

Conversions

Conversions Part 1

Format	Color
Hex	515DA0
RGB	81, 93, 160
RGB Percent	32%, 36%, 63%
CMY	0.6824, 0.6353, 0.3725
CMYK	0.49, 0.42, 0.00, 0.37
HSL	231°, 33%, 47%
HSV	231°, 49%, 63%
XYZ	13.6529, 12.1161, 34.8768
YIQ	97.0500, -28.6590, 18.2930

Conversions

Conversions Part 2

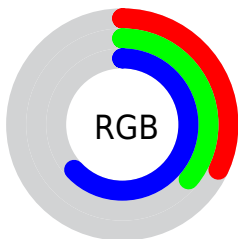
Format	Color
R_{YB}	81, 91, 160
Decimal	5332384
CIE _{Lab}	41.40, 14.44, -37.88
CIE _{LCh}	41, 40.538, 290.873
Yxy	12.1161, 0.2251, 0.1998
Android (android.graphics.Color)	4283522464 (0xFF515DA0)
YUV	97.0500, 31.0344, -14.0758
Hunter-Lab	34.8082, 9.0989, -35.0411

Details

The YUV color **97.0500, 31.0344, -14.0758** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **143.9500, -31.0343, 14.0759**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.8160, 32.6287, -12.1166**, and **47.6640, 29.7456, -20.7533** is the 20% darker color. If you saturate the color by 10%, you get **84.0480, 37.4443, -16.7051**, and if you desaturate by 10%, it is **110.0520, 24.6244, -11.4466**.

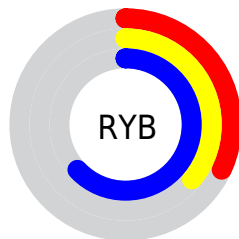
Distribution



Red (32%)

Green (36%)

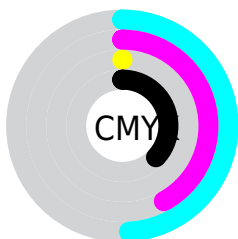
Blue (63%)



Red (32%)

Yellow (36%)

Blue (63%)

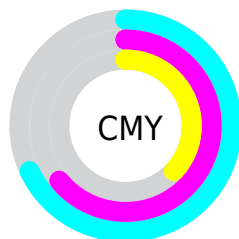


Cyan (49%)

Magenta (42%)

Yellow (0%)

Black (37%)



Cyan (68%)

Magenta (64%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.0500, 31.0344, -14.0758 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 97.0500, 31.0344, -14.0758 by changing the saturation by 10% instead.

■ 97.0500, 31.0344,
-14.0758

■ 97.0500, 31.0344,
-14.0758

■ 255.0000, 0.0000,
0.0000

■ 72.5120, 30.3136,
-16.2350

■ 148.8160, 32.6287,
-12.1166

■ 47.6640, 29.7456,
-20.7533

■ 175.4570, 33.7917,
-11.8018

■ 25.3110, 28.4407,
-22.1977

■ 201.5190, 26.3661,
-10.1022

■ 6.8400, 26.2079,
-5.9987

■ 226.6260, 13.9884,
-6.6880

■ 5.3920, 15.5827,
-4.7288

■ 251.7330, 1.6106,
-3.2738

■ 2.1830, 5.8258,
-1.9145

■ 0.0000, 0.0000,

0.0000

■ 97.0500, 31.0344,
-14.0758

■ 97.0500, 31.0344,
-14.0758

■ 84.0480, 37.4443,
-16.7051

■ 110.0520, 24.6244,
-11.4466

■ 71.6330, 43.5649,
-19.8491

■ 122.4670, 18.5038,
-8.3026

■ 58.6310, 49.9749,
-22.4784

■ 135.4690, 12.0938,
-5.6733

■ 46.2160, 56.0955,
-25.6224

■ 147.8840, 5.9732,
-2.5293

■ 33.2140, 62.5055,
-28.2517

■ 160.8860, -0.4368,
0.1000

■ 32.3280, 62.9423,
-28.3517

■ 173.3010, -6.5574,
3.2440

■ 186.3030,
-12.9674, 5.8733

■ 199.3050,
-19.3774, 8.5025

■ 211.7200,
-25.4980, 11.6466

Harmonies

Analogous

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



79.6300, 41.1014, -69.8355



97.0500, 31.0344, -14.0758



100.6050, 19.4217, 24.0254

Triad

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



97.0500, 31.0344, -14.0758



95.9830, -24.1486, 45.6189



76.1350, 4.8634, -66.7704

Complementary

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



97.0500, 31.0344, -14.0758



143.9500, -31.0343, 14.0759

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.



86.5730, -16.0585, -29.4435



97.0500, 31.0344, -14.0758



94.2720, -32.6721, 26.0715

Square

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



97.0500, 31.0344, -14.0758



96.7080, -10.2090, 54.6301



91.8020, -29.9754, 1.0506



80.5980, 19.4252, -70.6844

Rectangle

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



97.0500, 31.0344, -14.0758



99.3100, 10.2002, 41.8241



91.8020, -29.9754, 1.0506



74.2940, 0.3481, -65.1558

Sweetspot

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



97.0500, 31.0344, -14.0758



183.8820, 12.3832, -5.1585



134.8970, 5.9668, -47.2677



89.9270, 7.4310, -3.4440



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



97.0500, 31.0344, -14.0758



110.5880, 48.5171, -21.5637



97.7800, 30.6745, 8.0859



72.4990, 3.2050, -1.3146



29.2160, 56.0955, -25.6224



2.8840, 5.9732, -2.5293

Inverse Universe

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



105.9890, -6.4036, 47.3676



124.8290, -10.2687, 73.8180



143.2200, -30.6745, -8.0859



73.5060, -0.7425, 4.8182



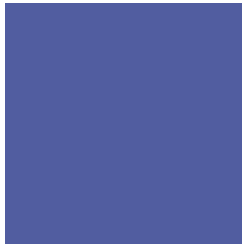
45.2650, -11.4696, 85.7136



4.7130, -1.3375, 9.0217

Previews

White Background



This preview shows how the YUV color 97.0500, 31.0344, -14.0758 looks on a white background.

Color Contrast Check

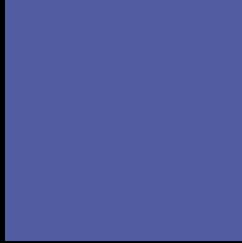
Large Text (above 18pt) WCAG AA ✓ Pass

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 97.0500, 31.0344, -14.0758 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 97.0500, 31.0344, -14.0758

Background



This preview shows how black text looks on a background with the YUV color 97.0500, 31.0344, -14.0758.



This preview shows how white text looks on a background with the YUV color 97.0500, 31.0344,

-14.0758.

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

97.0500, 31.0344, -14.0758

Protanopia

95.1630, 32.9506, -22.0680

Deuteranopia

93.5920, 32.2461, -29.4602



Tritanopia

92.9630, 9.3852, -23.6466

Trichromacy



Original Color

97.0500, 31.0344, -14.0758

Protanomaly

95.6580, 32.2136, -18.9941

Deuteranomaly

94.8100, 31.6457, -23.5124

Tritanomaly

94.0480, 17.2313, -20.2131

Monochromacy



Original Color

97.0500, 31.0344, -14.0758

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

97.2410, 11.2202, -5.4734

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.0500, 31.0344, -14.0758 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(81, 93, 160)` looks like.

```
.text, #text, p{  
    color:rgb(81, 93, 160)  
}
```

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(81, 93, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 93, 160) }
```

Border

The CSS property to change the border of an element to YUV 97.0500, 31.0344, -14.0758 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(81, 93, 160) }
```


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

```
.border{ border-color:rgb(81, 93, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 93, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 93, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 93, 160);  
box-shadow:4px 4px 4px 4px rgb(81, 93,  
160) }
```

Background

The CSS property to change the background color of an element to YUV 97.0500, 31.0344, -14.0758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 93, 160) }
```

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

```
.background{ background-color: rgb(81, 93,  
160) }
```

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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