

Converting Colors

YUV(144.4510, 16.0467,
-13.5505)

Have a look what the booklet for
YUV(144.4510, 16.0467, -13.5505)
contains.

YUV(144.4510, 16.0467, -13.5505)	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(144.4510, 16.0467,
-13.5505)**

Conversions

Conversions Part 1

Format	Color
Hex	8192B1
RGB	129, 146, 177
RGB Percent	51%, 57%, 69%
CMY	0.4941, 0.4275, 0.3059
CMYK	0.27, 0.18, 0.00, 0.31
HSL	219°, 24%, 60%
HSV	219°, 27%, 69%
XYZ	27.2680, 28.3992, 45.6394
YIQ	144.4510, -20.0830, 6.0370

Conversions

Conversions Part 2

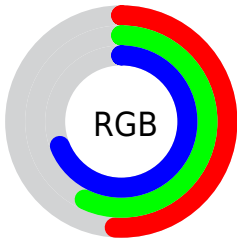
Format	Color
RYB	129, 142, 177
Decimal	8491697
CIELab	60.25, 1.11, -18.22
CIELCh	60, 18.250, 273.499
Yxy	28.3992, 0.2692, 0.2803
Android (android.graphics.Color)	4286681777 (0xFF8192B1)
YUV	144.4510, 16.0467, -13.5505
Hunter-Lab	53.2909, -1.9240, -13.4735

Details

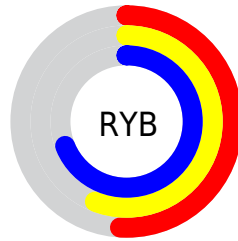
The YUV color $144.4510, 16.0467, -13.5505$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $161.5490, -16.0467, 13.5505$, and the grayscale version is $144.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $198.6790, 16.9203, -13.7505$, and $93.8100, 14.8837, -13.8654$ is the 20% darker color. If you saturate the color by 10%, you get $132.6120, 21.8833, -18.9537$, and if you desaturate by 10%, it is $156.2900, 10.2100, -8.1473$.

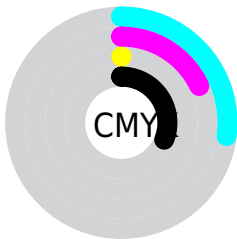
Distribution



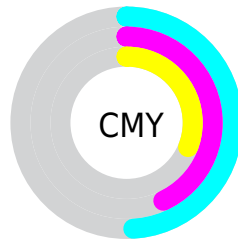
- Red (51%)
- Green (57%)
- Blue (69%)



- Red (51%)
- Yellow (56%)
- Blue (69%)



- Cyan (27%)
- Magenta (18%)
- Yellow (0%)
- Black (31%)



- Cyan (49%)
- Magenta (43%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 144.4510, 16.0467, -13.5505 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 144.4510, 16.0467, -13.5505 by changing the saturation by 10% instead.

■ 144.4510, 16.0467,
-13.5505

■ 144.4510, 16.0467,
-13.5505

■ 255.0000, 0.0000,
0.0000

■ 118.3370, 15.6099,
-13.4505

■ 198.6790, 16.9203,
-13.7505

■ 93.8100, 14.8837,
-13.8654

■ 225.9950, 14.2995,
-13.1506

■ 69.6960, 14.4469,
-13.7654

■ 250.2160, 2.3585,
-9.8364

■ 47.1690, 13.7207,
-14.1802

■ 24.5600, 14.0209,
-17.1541

■ 4.8220, 13.3988,
-4.2289

■ 0.3420, 1.3104,

-0.2999

■ 0.0000, 0.0000,
0.0000

■ 144.4510, 16.0467,
-13.5505

■ 144.4510, 16.0467,
-13.5505

■ 132.6120, 21.8833,
-18.9537

■ 156.2900, 10.2100,
-8.1473

■ 120.4850, 27.8619,
-23.2273

■ 168.4170, 4.2314,
-3.8737

■ 108.6460, 33.6985,
-28.6305

■ 180.2560, -1.6052,
1.5295

■ 96.2200, 39.8245,
-33.5189

■ 192.6820, -7.7312,
6.4179

■ 84.6800, 45.5138,
-38.3074

■ 204.5210,
-13.5679, 11.8211

■ 72.2540, 51.6398,
-43.1958

■ 216.6480,
-19.5465, 16.0947

■ 60.4150, 57.4764,
-48.5990

■ 228.4870,
-25.3831, 21.4979

■ 57.1590, 59.0816,
-50.1284

■ 235.5420,
-28.8612, 17.0647

■ 242.5860,
-32.3339, 10.8871

Harmonies

Analogous

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



141.2490, 15.6532, -27.4054



144.4510, 16.0467, -13.5505



146.6380, 12.5035, 2.9485

Triad

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



144.4510, 16.0467, -13.5505



147.0590, -9.3961, 27.1353



140.5110, -5.1819, -17.9881

Complementary

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



144.4510, 16.0467, -13.5505



161.5490, -16.0467, 13.5505

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.



142.7640, -12.2087, -4.1780



144.4510, 16.0467, -13.5505



145.7610, -14.1792, 21.2576

Square

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



144.4510, 16.0467, -13.5505



147.9970, -1.9705, 25.4356



144.6410, -15.5990, 9.9618



139.1380, 3.8760, -29.9390

Rectangle

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



144.4510, 16.0467, -13.5505



147.9660, 8.3978, 13.1848



144.6410, -15.5990, 9.9618



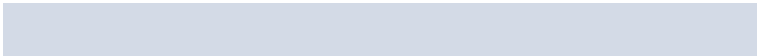
141.2620, -7.5242, -13.3848

Sweetspot

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



144.4510, 16.0467, -13.5505



217.2750, 6.2734, -5.5032



160.5960, -0.7868, -27.7097



106.7160, 4.0840, -3.2589



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



144.4510, 16.0467, -13.5505



178.5130, 25.3831, -21.4979



136.2660, 20.0819, -1.1103



82.7870, 3.0630, -2.4442



49.1400, 51.2030, -43.0958



8.2470, 8.7522, -7.2326

Inverse Universe

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



145.2900, 0.3500, 27.8097



179.8020, 0.5906, 44.0236



169.7340, -20.0819, 1.1103



83.0330, -0.0163, 5.2331



51.9030, 1.0338, 88.6621



8.8000, 0.0986, 15.0844

Previews

White Background



This preview shows how the YUV color 144.4510, 16.0467, -13.5505 looks on a white background.

Color Contrast Check

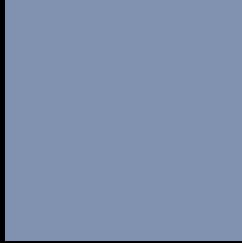
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 144.4510, 16.0467, -13.5505 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 × Fail

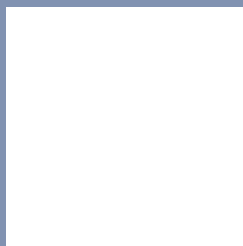
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 144.4510, 16.0467, -13.5505

Background



This preview shows how black text looks on a background with the YUV color 144.4510, 16.0467, -13.5505.



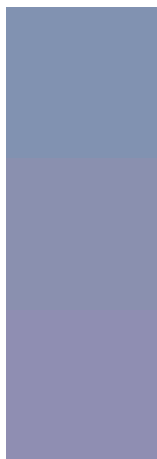
This preview shows how white text looks on a background with the YUV color 144.4510, 16.0467, -13.5505.

-13.5505.

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

144.4510, 16.0467, -13.5505

Protanopia

145.7400, 14.4252, -6.7880

Deuteranopia

146.4030, 15.5773, -2.9844



Tritanopia

143.4910, 8.6319, -15.3396

Trichromacy



Original Color

144.4510, 16.0467, -13.5505

Protanomaly

145.5440, 15.0148, -9.2471

Deuteranomaly

145.4950, 16.0250, -6.5731

Tritanomaly

143.8870, 11.3947, -14.8099

Monochromacy



Original Color

144.4510, 16.0467, -13.5505

Achromatopsia

144.0000, 0.0000, 0.0000

Achromatomaly

144.4600, 5.6892, -4.7884

CSS Examples

Text

The CSS property to change the color of the text to YUV 144.4510, 16.0467, -13.5505 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(129, 146, 177)` looks like.

```
.text, #text, p{  
    color:rgb(129, 146, 177)  
}
```

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(129, 146, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 146, 177) }
```

Border

The CSS property to change the border of an element to YUV 144.4510, 16.0467, -13.5505 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(129, 146, 177) }
```


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

```
.border{ border-color:rgb(129, 146, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 146, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 146, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 146, 177);  
box-shadow:4px 4px 4px 4px rgb(129, 146,  
177) }
```

Background

The CSS property to change the background color of an element to YUV 144.4510, 16.0467, -13.5505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 146, 177) }
```

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

```
.background{ background-color: rgb(129,  
146, 177) }
```

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