

Converting Colors

YUV(96.4310, 9.6475, -14.4100)

Have a look what the booklet for
YUV(96.4310, 9.6475, -14.4100)
contains.

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Color

**YUV(96.4310, 9.6475,
-14.4100)**

Conversions

Conversions Part 1

Format	Color
Hex	506574
RGB	80, 101, 116
RGB Percent	31%, 40%, 45%
CMY	0.6863, 0.6039, 0.5451
CMYK	0.31, 0.13, 0.00, 0.55
HSL	205°, 18%, 38%
HSV	205°, 31%, 45%
XYZ	11.1143, 12.2738, 18.3063
YIQ	96.4310, -17.3310, 0.2130

Conversions

Conversions Part 2

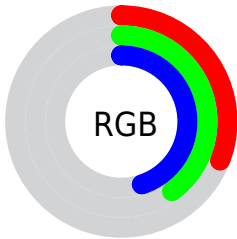
Format	Color
R_{YB}	80, 93, 116
Decimal	5268852
CIE _{Lab}	41.65, -3.98, -10.99
CIE _{LCh}	42, 11.690, 250.099
Yxy	12.2738, 0.2666, 0.2944
Android (android.graphics.Color)	4283458932 (0xFF506574)
YUV	96.4310, 9.6475, -14.4100
Hunter-Lab	35.0340, -4.6813, -6.4570

Details

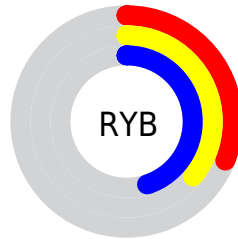
The YUV color **96.4310, 9.6475, -14.4100** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **99.5690, -9.6475, 14.4100**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.2460, 10.2317, -15.1247**, and **49.3170, 9.2107, -14.3100** is the 20% darker color. If you saturate the color by 10%, you get **89.9080, 12.8634, -19.2133**, and if you desaturate by 10%, it is **102.9540, 6.4317, -9.6067**.

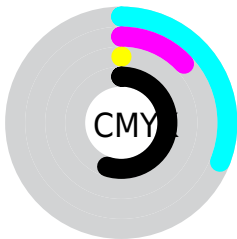
Distribution



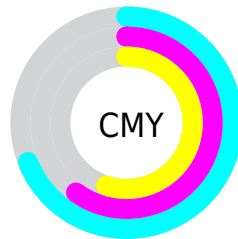
- Red (31%)
- Green (40%)
- Blue (45%)



- Red (31%)
- Yellow (36%)
- Blue (45%)



- Cyan (31%)
- Magenta (13%)
- Yellow (0%)
- Black (55%)



- Cyan (69%)
- Magenta (60%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.4310, 9.6475, -14.4100 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 96.4310, 9.6475, -14.4100 by changing the saturation by 10% instead.

■ 96.4310, 9.6475,
-14.4100

■ 96.4310, 9.6475,
-14.4100

■ 255.0000, 0.0000,
0.0000

■ 72.3170, 9.2107,
-14.3100

■ 147.2460, 10.2317,
-15.1247

■ 49.3170, 9.2107,
-14.3100

■ 174.2460, 10.2317,
-15.1247

■ 27.6050, 9.0687,
-15.4396

■ 201.3600, 10.6685,
-15.2247

■ 8.7200, 8.0260,
-7.6474

■ 229.1750, 11.2527,
-15.9395

■ 0.0000, 0.0000,
0.0000

■ 250.5150, 2.2111,
-9.2217

■ 96.4310, 9.6475,
-14.4100

■ 96.4310, 9.6475,
-14.4100

■ 89.9080, 12.8634,
-19.2133

■ 102.9540, 6.4317,
-9.6067

■ 83.6840, 15.9318,
-23.4019

■ 109.1780, 3.3632,
-5.4181

■ 77.1610, 19.1476,
-28.2052

■ 115.7010, 0.1474,
-0.6148

■ 71.5240, 21.9267,
-32.9085

■ 121.3380, -2.6316,
4.0886

■ 65.0010, 25.1425,
-37.7119

■ 127.8610, -5.8475,
8.8919

■ 58.4780, 28.3583,
-42.5152


■ 134.3840, -9.0633,
13.6952

■ 53.1400, 30.9900,
-46.6038

■ 140.6080,
-12.1317, 17.8838

■ 147.1310,

-15.3476, 22.6871

 153.3550,
-18.4160, 26.8757

Harmonies

Analogous

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



94.8280, 7.4798, -19.1432



96.4310, 9.6475, -14.4100



98.3720, 9.1836, -5.5882

Triad

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



96.4310, 9.6475, -14.4100



100.1160, -2.5222, 15.6843



96.2570, -6.5357, -3.7334

Complementary

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



96.4310, 9.6475, -14.4100



99.5690, -9.6475, 14.4100

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.



97.6170, -9.1782, 3.8439



96.4310, 9.6475, -14.4100



99.3780, -6.5954, 15.4545

Square

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



96.4310, 9.6475, -14.4100



100.0600, 2.4354, 12.2254



98.3730, -9.0579, 11.9509



95.0540, -1.9986, -12.3254

Rectangle

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



96.4310, 9.6475, -14.4100



99.3620, 7.7095, 0.5595



98.3730, -9.0579, 11.9509



97.0400, -7.4147, -1.7891

Sweetspot

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



96.4310, 9.6475, -14.4100



143.1780, 3.3632, -5.4181



102.8420, -3.8661, -20.0324



71.9610, 2.4842, -3.4738



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



96.4310, 9.6475, -14.4100



120.0540, 14.7634, -21.9724



85.8650, 14.8566, -5.1436



55.4450, 1.7526, -2.1443



55.5850, 32.7426, -48.7480



114.2020, 66.9484, -100.1552

Inverse Universe

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



93.1580, 3.8661, 20.0324



115.0930, 5.8702, 30.6134



110.1350, -14.8566, 5.1436



55.1360, 0.4260, 3.3887



44.5720, 13.0290, 67.9044



91.3940, 26.9208, 139.0975

Previews

White Background



This preview shows how the YUV color 96.4310, 9.6475, -14.4100 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 96.4310, 9.6475, -14.4100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

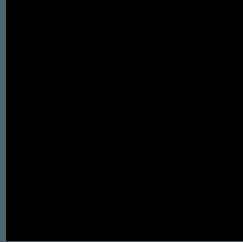
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

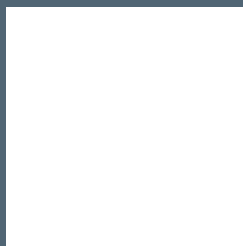
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 96.4310, 9.6475, -14.4100

Background



This preview shows how black text looks on a background with the YUV color 96.4310, 9.6475, -14.4100.



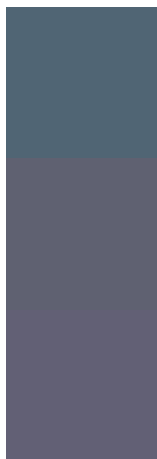
This preview shows how white text looks on a background with the YUV color 96.4310, 9.6475,

-14.4100.

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

96.4310, 9.6475, -14.4100

Protanopia

98.2260, 7.2836, -2.8292

Deuteranopia

98.9920, 8.8779, -0.8700



Tritanopia

96.0350, 6.8847, -14.9397

Trichromacy



Original Color

96.4310, 9.6475, -14.4100

Protanomaly

97.4320, 8.1680, -6.5179

Deuteranomaly

98.0730, 9.3310, -6.2030

Tritanomaly

96.2630, 7.7583, -15.1397

Monochromacy



Original Color

96.4310, 9.6475, -14.4100

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

96.1780, 3.3632, -5.4181

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.4310, 9.6475, -14.4100 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(80, 101, 116)` looks like.

```
.text, #text, p{  
    color:rgb(80, 101, 116)  
}
```

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(80, 101, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 101, 116) }
```

Border

The CSS property to change the border of an element to YUV 96.4310, 9.6475, -14.4100 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(80, 101, 116) }
```


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

```
.border{ border-color:rgb(80, 101, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 101, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 101, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 101, 116);  
box-shadow:4px 4px 4px 4px rgb(80, 101,  
116) }
```

Background

The CSS property to change the background color of an element to YUV 96.4310, 9.6475, -14.4100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 101, 116) }
```

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

```
.background{ background-color: rgb(80, 101,  
116) }
```

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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