

Converting Colors

YUV(97.5500, 9.0959, -24.1613)

Have a look what the booklet for
YUV(97.5500, 9.0959, -24.1613)
contains.

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Color

**YUV(97.5500, 9.0959,
-24.1613)**

Conversions

Conversions Part 1

Format	Color
Hex	466C74
RGB	70, 108, 116
RGB Percent	27%, 42%, 45%
CMY	0.7255, 0.5765, 0.5451
CMYK	0.40, 0.07, 0.00, 0.55
HSL	190°, 25%, 36%
HSV	190°, 40%, 45%
XYZ	11.0407, 13.2882, 18.5060
YIQ	97.5500, -25.2160, -5.5680

Conversions

Conversions Part 2

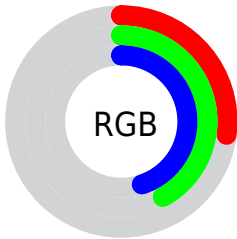
Format	Color
RYB	70, 91, 116
Decimal	4615284
CIELab	43.19, -11.19, -8.73
CIELCh	43, 14.186, 217.959
Yxy	13.2882, 0.2578, 0.3102
Android (android.graphics.Color)	4282805364 (0xFF466C74)
YUV	97.5500, 9.0959, -24.1613
Hunter-Lab	36.4529, -9.7292, -4.5825

Details

The YUV color **97.5500, 9.0959, -24.1613** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **88.4500, -9.0959, 24.1613**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.6640, 9.5326, -24.2613**, and **49.8380, 8.9539, -25.2909** is the 20% darker color. If you saturate the color by 10%, you get **92.7880, 11.4435, -30.5091**, and if you desaturate by 10%, it is **102.3120, 6.7482, -17.8136**.

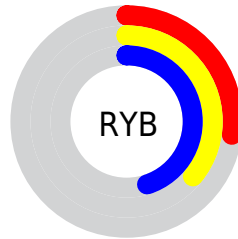
Distribution



Red (27%)

Green (42%)

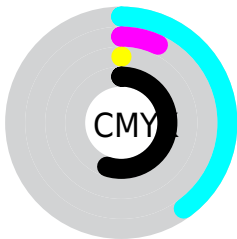
Blue (45%)



Red (27%)

Yellow (36%)

Blue (45%)

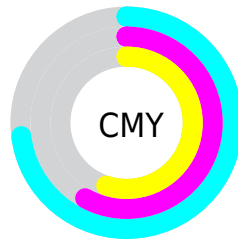


Cyan (40%)

Magenta (7%)

Yellow (0%)

Black (55%)



Cyan (73%)

Magenta (58%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.5500, 9.0959, -24.1613 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 97.5500, 9.0959, -24.1613 by changing the saturation by 10% instead.

■ 97.5500, 9.0959,
-24.1613

■ 97.5500, 9.0959,
-24.1613

■ 255.0000, 0.0000,
0.0000

■ 73.4360, 8.6591,
-24.0614

■ 148.6640, 9.5326,
-24.2613

■ 49.8380, 8.9539,
-25.2909

■ 175.3650, 9.6801,
-24.8761

■ 28.1370, 8.8065,
-24.6761

■ 203.0660, 9.8275,
-25.4909

■ 14.0030, 5.4215,
-12.2806

■ 231.7670, 9.9749,
-26.1057

■ 0.0000, 0.0000,
0.0000

■ 247.5250, 3.6852,
-15.3694

■ 97.5500, 9.0959,
-24.1613

■ 97.5500, 9.0959,
-24.1613

■ 92.7880, 11.4435,
-30.5091

■ 102.3120, 6.7482,
-17.8136

■ 88.3250, 13.6438,
-36.2420

■ 106.7750, 4.5479,
-12.0807

■ 83.5630, 15.9914,
-42.5898

■ 111.5370, 2.2003,
-5.7329

■ 79.1000, 18.1917,
-48.3227

■ 116.0000, 0.0000,
0.0000

■ 74.3380, 20.5394,
-54.6704

■ 120.7620, -2.3477,
6.3477

■ 69.5760, 22.8870,
-61.0182

■ 125.5240, -4.6953,
12.6955

■ 129.9870, -6.8956,
18.4284

■ 134.7490, -9.2433,

24.7761

■ 139.2120,
-11.4435, 30.5091

Harmonies

Analogous

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



97.4810, 3.7069, -22.3468



97.5500, 9.0959, -24.1613



99.5660, 11.5530, -18.9134

Triad

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



97.5500, 9.0959, -24.1613



104.2990, 3.3036, 13.7698



101.1720, -10.9308, 5.9882

Complementary

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



97.5500, 9.0959, -24.1613



88.4500, -9.0959, 24.1613

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.



102.3410, -10.5211, 14.6099



97.5500, 9.0959, -24.1613



104.1380, -2.5330, 19.1730

Square

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



97.5500, 9.0959, -24.1613



103.6120, 8.5723, 3.8483



103.1720, -7.4798, 19.1432



100.0890, -8.4249, -4.4631

Rectangle

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



97.5500, 9.0959, -24.1613



100.7240, 11.9681, -12.0359



103.1720, -7.4798, 19.1432



101.7810, -11.2310, 8.9621

Sweetspot

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



97.5500, 9.0959, -24.1613



142.8570, 3.5215, -9.5216



97.9140, -9.8176, -24.4806



72.5370, 2.2003, -5.7329



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.



97.5500, 9.0959, -24.1613



121.4280, 14.0860, -38.0864



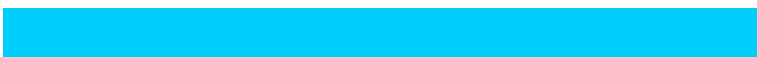
84.0490, 15.7518, -12.3210



56.6190, 1.1738, -3.1739



73.1950, 24.0609, -64.1920



149.4220, 49.5850, -131.0431

Inverse Universe

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



88.0860, 9.8176, 24.4806



106.3680, 15.5946, 38.2653



101.9510, -15.7518, 12.3210



55.3640, 1.2995, 3.1888



47.9920, 26.1329, 64.9050



98.2340, 53.1286, 133.0988

Previews

White Background



This preview shows how the YUV color 97.5500, 9.0959, -24.1613 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 97.5500, 9.0959, -24.1613 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

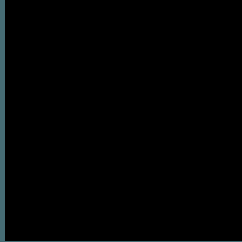
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 97.5500, 9.0959, -24.1613

Background



This preview shows how black text looks on a background with the YUV color 97.5500, 9.0959, -24.1613.



This preview shows how white text looks on a background with the YUV color 97.5500, 9.0959, -24.1613.

-24.1613.

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

97.5500, 9.0959, -24.1613

Protanopia

102.2540, 4.8048, -1.0998

Deuteranopia

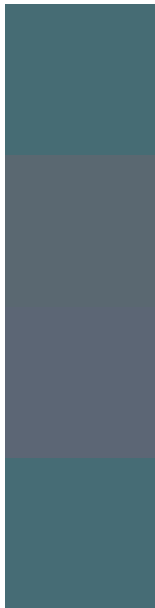
102.6610, 7.5621, 1.1743



Tritanopia

97.6640, 9.5326, -24.2613

Trichromacy



Original Color

97.5500, 9.0959, -24.1613

Protanomaly

100.8400, 5.9949, -9.5067

Deuteranomaly

100.7200, 8.0260, -7.6474

Tritanomaly

97.6640, 9.5326, -24.2613

Monochromacy



Original Color

97.5500, 9.0959, -24.1613

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

98.1560, 3.3741, -8.9068

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.5500, 9.0959, -24.1613 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(70, 108, 116)` looks like.

```
.text, #text, p{  
    color:rgb(70, 108, 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(70, 108, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 108, 116) }
```

Border

The CSS property to change the border of an element to YUV 97.5500, 9.0959, -24.1613 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(70, 108, 116) }
```


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

```
.border{ border-color:rgb(70, 108, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 108, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 108, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 108, 116);  
box-shadow:4px 4px 4px 4px rgb(70, 108,  
116) }
```

Background

The CSS property to change the background color of an element to YUV 97.5500, 9.0959, -24.1613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 108, 116) }
```

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

```
.background{ background-color: rgb(70, 108,  
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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