

Converting Colors

YUV(94.7190, 9.5055, -15.5396)

Have a look what the booklet for
YUV(94.7190, 9.5055, -15.5396)
contains.

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Color

**YUV(94.7190, 9.5055,
-15.5396)**

Conversions

Conversions Part 1

Format	Color
Hex	4D6472
RGB	77, 100, 114
RGB Percent	30%, 39%, 45%
CMY	0.6980, 0.6078, 0.5529
CMYK	0.32, 0.12, 0.00, 0.55
HSL	203°, 19%, 37%
HSV	203°, 32%, 45%
XYZ	10.6550, 11.9070, 17.6563
YIQ	94.7190, -18.2020, -0.5220

Conversions

Conversions Part 2

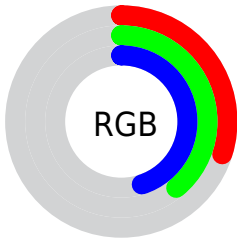
Format	Color
R_{YB}	77, 91, 114
Decimal	5071986
CIE Lab	41.07, -4.89, -10.67
CIE LCh	41, 11.739, 245.356
Yxy	11.9070, 0.2649, 0.2961
Android (android.graphics.Color)	4283262066 (0xFF4D6472)
YUV	94.7190, 9.5055, -15.5396
Hunter-Lab	34.5066, -5.2689, -6.1829

Details

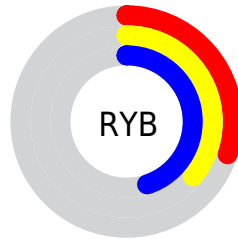
The YUV color **94.7190, 9.5055, -15.5396** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **96.2810, -9.5055, 15.5396**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.5340, 10.0897, -16.2543**, and **47.6050, 9.0687, -15.4396** is the 20% darker color. If you saturate the color by 10%, you get **89.0820, 12.2846, -20.2429**, and if you desaturate by 10%, it is **100.3560, 6.7265, -10.8362**.

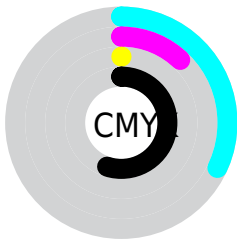
Distribution



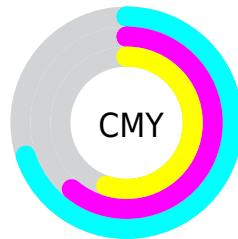
- Red (30%)
- Green (39%)
- Blue (45%)



- Red (30%)
- Yellow (36%)
- Blue (45%)



- Cyan (32%)
- Magenta (12%)
- Yellow (0%)
- Black (55%)



- Cyan (70%)
- Magenta (61%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.7190, 9.5055, -15.5396 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 94.7190, 9.5055, -15.5396 by changing the saturation by 10% instead.

■ 94.7190, 9.5055,
-15.5396

■ 94.7190, 9.5055,
-15.5396

■ 255.0000, 0.0000,
0.0000

■ 70.6050, 9.0687,
-15.4396

■ 145.5340, 10.0897,
-16.2543

■ 47.6050, 9.0687,
-15.4396

■ 171.6480, 10.5265,
-16.3543

■ 25.8930, 8.9268,
-16.5692

■ 199.3490, 10.6739,
-16.9691

■ 8.0190, 7.8786,
-7.0327

■ 227.3490, 10.6739,
-16.9691

■ 0.0000, 0.0000,
0.0000

■ 249.6180, 2.6533,
-11.0660

■ 94.7190, 9.5055,
-15.5396

■ 94.7190, 9.5055,
-15.5396

■ 89.0820, 12.2846,
-20.2429

■ 100.3560, 6.7265,
-10.8362

■ 82.5590, 15.5004,
-25.0462

■ 106.8790, 3.5107,
-6.0329

■ 76.9220, 18.2795,
-29.7496

■ 112.5160, 0.7316,
-1.3295

■ 70.9860, 21.2059,
-35.0677

■ 118.4520, -2.1948,
3.9886

■ 64.7620, 24.2743,
-39.2563

■ 124.6760, -5.2633,
8.1771

■ 59.1250, 27.0534,
-43.9596

■ 130.3130, -8.0423,
12.8805

■ 54.6730, 29.2482,
-47.9482

■ 136.2490,
-10.9688, 18.1986

■ 142.4730,

-14.0372, 22.3872

 148.4090,
-16.9636, 27.7053

Harmonies

Analogous

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



93.4150, 7.1904, -19.6580



94.7190, 9.5055, -15.5396



96.4750, 9.6258, -7.4326

Triad

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



94.7190, 9.5055, -15.5396



98.3440, -1.6486, 15.4843



95.4420, -7.1199, -3.0186

Complementary

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



94.7190, 9.5055, -15.5396



96.2810, -9.5055, 15.5396

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.



96.6280, -9.1836, 5.5882



94.7190, 9.5055, -15.5396



97.9050, -5.8692, 15.8693

Square

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



94.7190, 9.5055, -15.5396



98.5760, 3.1670, 10.8958



97.4870, -8.6211, 11.8509



94.2390, -2.5828, -11.6106

Rectangle

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



94.7190, 9.5055, -15.5396



97.7640, 8.0043, -0.6700



97.4870, -8.6211, 11.8509



95.8230, -8.2937, 0.1552

Sweetspot

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



94.7190, 9.5055, -15.5396



139.9930, 3.9475, -6.1329



100.3150, -4.5923, -20.4473



69.5480, 2.1948, -3.9886



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



94.7190, 9.5055, -15.5396



117.7440, 14.9162, -24.3315



84.1530, 14.7146, -6.2732



53.0320, 1.4632, -2.6591



57.7050, 30.7114, -50.6073



118.5560, 63.3229, -103.9736

Inverse Universe

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



90.6850, 4.5923, 20.4473



111.4460, 7.1751, 32.0579



106.8470, -14.7146, 6.2732



52.2500, 0.8628, 3.2888



44.4300, 15.0710, 66.2749



91.4090, 30.8574, 136.4533

Previews

White Background



This preview shows how the YUV color 94.7190, 9.5055, -15.5396 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 94.7190, 9.5055, -15.5396 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

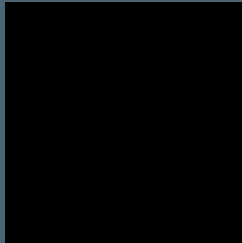
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

YUV 94.7190, 9.5055, -15.5396

Background



This preview shows how black text looks on a background with the YUV color 94.7190, 9.5055, -15.5396.



This preview shows how white text looks on a background with the YUV color 94.7190, 9.5055, -15.5396.

-15.5396.

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

94.7190, 9.5055, -15.5396

Protanopia

97.1120, 6.8468, -2.7292

Deuteranopia

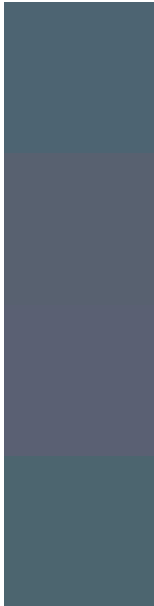
97.2910, 8.7305, -0.2552



Tritanopia

94.4370, 7.1796, -16.1692

Trichromacy



Original Color

94.7190, 9.5055, -15.5396

Protanomaly

96.0190, 7.8786, -7.0327

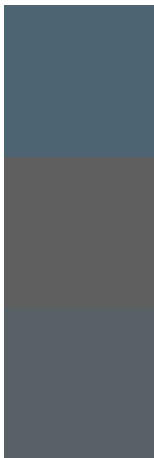
Deuteranomaly

96.3720, 9.1836, -5.5882

Tritanomaly

94.6650, 8.0532, -16.3692

Monochromacy



Original Color

94.7190, 9.5055, -15.5396

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

94.8790, 3.5107, -6.0329

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.7190, 9.5055, -15.5396 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(77, 100, 114)` looks like.

```
.text, #text, p{  
    color:rgb(77, 100, 114)  
}
```

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(77, 100, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 100, 114) }
```

Border

The CSS property to change the border of an element to YUV 94.7190, 9.5055, -15.5396 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(77, 100, 114) }
```


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

```
.border{ border-color:rgb(77, 100, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 100, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 100, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 100, 114);  
box-shadow:4px 4px 4px 4px rgb(77, 100,  
114) }
```

Background

The CSS property to change the background color of an element to YUV 94.7190, 9.5055, -15.5396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 100, 114) }
```

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

```
.background{ background-color: rgb(77, 100,  
114) }
```

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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