

Converting Colors

YUV(95.4360, 12.1101,
-10.9064)

Have a look what the booklet for
YUV(95.4360, 12.1101, -10.9064)
contains.

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Color

**YUV(95.4360, 12.1101,
-10.9064)**

Conversions

Conversions Part 1

Format	Color
Hex	536178
RGB	83, 97, 120
RGB Percent	33%, 38%, 47%
CMY	0.6745, 0.6196, 0.5294
CMYK	0.31, 0.19, 0.00, 0.53
HSL	217°, 18%, 40%
HSV	217°, 31%, 47%
XYZ	11.2321, 11.7445, 19.4442
YIQ	95.4360, -15.7270, 4.1850

Conversions

Conversions Part 2

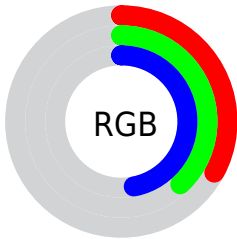
Format	Color
R_{YB}	83, 93, 120
Decimal	5464440
CIE _{Lab}	40.81, 0.51, -14.68
CIE _{LCh}	41, 14.692, 271.975
Yxy	11.7445, 0.2648, 0.2769
Android (android.graphics.Color)	4283654520 (0xFF536178)
YUV	95.4360, 12.1101, -10.9064
Hunter-Lab	34.2702, -1.4690, -9.6508

Details

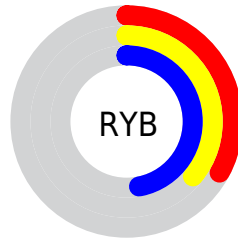
The YUV color **95.4360, 12.1101, -10.9064** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **107.5640, -12.1101, 10.9064**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.6640, 12.9836, -11.1063**, and **48.7950, 10.9471, -11.2212** is the 20% darker color. If you saturate the color by 10%, you get **87.7390, 15.9047, -14.6801**, and if you desaturate by 10%, it is **103.1330, 8.3154, -7.1326**.

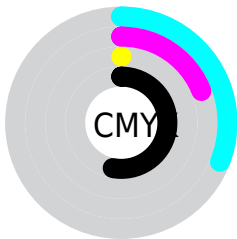
Distribution



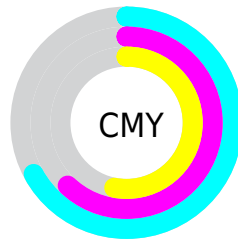
- Red (33%)
- Green (38%)
- Blue (47%)



- Red (33%)
- Yellow (36%)
- Blue (47%)



- Cyan (31%)
- Magenta (19%)
- Yellow (0%)
- Black (53%)



- Cyan (67%)
- Magenta (62%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.4360, 12.1101, -10.9064 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 95.4360, 12.1101, -10.9064 by changing the saturation by 10% instead.

■ 95.4360, 12.1101,
-10.9064

■ 95.4360, 12.1101,
-10.9064

■ 255.0000, 0.0000,
0.0000

■ 71.3220, 11.6733,
-10.8064

■ 145.6640, 12.9836,
-11.1063

■ 48.7950, 10.9471,
-11.2212

■ 172.7780, 13.4204,
-11.2063

■ 27.3820, 10.6577,
-11.7360

■ 199.8920, 13.8572,
-11.3063

■ 5.5400, 11.0728,
-4.8586

■ 227.7780, 13.4204,
-11.2063

■ 0.0000, 0.0000,
0.0000

■ 251.4120, 1.7689,
-7.3773

■ 95.4360, 12.1101,
-10.9064

■ 95.4360, 12.1101,
-10.9064

■ 87.7390, 15.9047,
-14.6801

■ 103.1330, 8.3154,
-7.1326

■ 79.4550, 19.9887,
-17.9390

■ 111.4170, 4.2314,
-3.8737

■ 71.7580, 23.7833,
-21.7128

■ 119.1140, 0.4368,
-0.1000

■ 63.4740, 27.8673,
-24.9717

■ 127.3980, -3.6472,
3.1590

■ 55.7770, 31.6619,
-28.7454

■ 135.0950, -7.4418,
6.9327

■ 47.4930, 35.7460,
-32.0044


■ 143.3790,
-11.5258, 10.1916

■ 40.0950, 39.3932,
-35.1633

■ 151.0760,
-15.3205, 13.9653

■ 159.3600,

-19.4045, 17.2243

 167.0570,
-23.1991, 20.9980

Harmonies

Analogous

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



92.6690, 11.9952, -20.7577



95.4360, 12.1101, -10.9064



97.5300, 9.5987, 1.2892

Triad

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



95.4360, 12.1101, -10.9064



97.9980, -6.9010, 20.1728



92.8860, -3.8878, -13.0550

Complementary

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



95.4360, 12.1101, -10.9064



107.5640, -12.1101, 10.9064

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.



93.9860, -8.8671, -2.6187



95.4360, 12.1101, -10.9064



96.9390, -10.8159, 15.8395

Square

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



95.4360, 12.1101, -10.9064



98.4800, -1.2226, 18.8730



95.6560, -11.6624, 7.3177



91.2530, 2.8333, -22.1469

Rectangle

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



95.4360, 12.1101, -10.9064



98.0750, 6.3720, 9.5812



95.6560, -11.6624, 7.3177



93.0390, -5.9352, -9.6812

Sweetspot

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



95.4360, 12.1101, -10.9064



146.5310, 4.6682, -3.9737



107.3410, -0.6611, -21.3471



73.3740, 2.7736, -2.9590



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



95.4360, 12.1101, -10.9064



117.5260, 18.9677, -17.1243



88.4140, 15.5719, -1.2401



56.8580, 2.0420, -1.6295



41.8390, 40.9984, -36.6928



85.0800, 82.2916, -74.6152

Inverse Universe

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



95.6590, 0.6611, 21.3471



117.8500, 1.0600, 33.4576



114.5860, -15.5719, 1.2401



57.0220, -0.0108, 3.4887



42.7330, 2.1036, 72.1482



86.2920, 4.7860, 145.3259

Previews

White Background



This preview shows how the YUV color 95.4360, 12.1101, -10.9064 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 95.4360, 12.1101, -10.9064 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

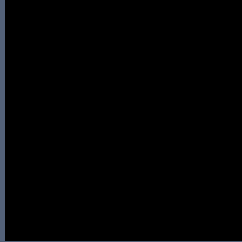
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

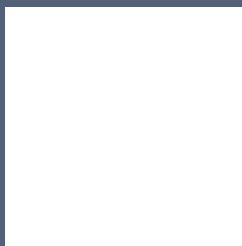
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 95.4360, 12.1101, -10.9064

Background



This preview shows how black text looks on a background with the YUV color 95.4360, 12.1101, -10.9064.



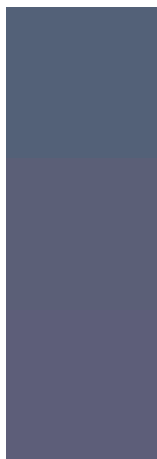
This preview shows how white text looks on a background with the YUV color 95.4360, 12.1101, -10.9064.

-10.9064.

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

95.4360, 12.1101, -10.9064

Protanopia

96.5400, 11.0728, -4.8586

Deuteranopia

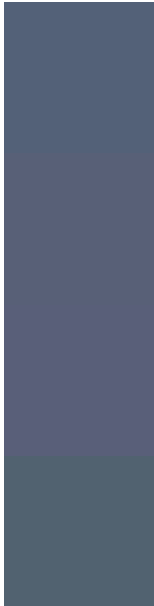
96.7790, 11.9410, -3.3142



Tritanopia

94.2310, 6.2951, -12.4806

Trichromacy



Original Color

95.4360, 12.1101, -10.9064

Protanomaly

96.2300, 11.2256, -7.2177

Deuteranomaly

96.1700, 12.2412, -6.2881

Tritanomaly

94.5130, 8.6211, -11.8509

Monochromacy



Original Color

95.4360, 12.1101, -10.9064

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

95.4170, 4.2314, -3.8737

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.4360, 12.1101, -10.9064 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(83, 97, 120)` looks like.

```
.text, #text, p{  
    color:rgb(83, 97, 120)  
}
```

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(83, 97, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 97, 120) }
```

Border

The CSS property to change the border of an element to YUV 95.4360, 12.1101, -10.9064 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(83, 97, 120) }
```


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

```
.border{ border-color:rgb(83, 97, 120) }
```

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

Here you see how a box with a 4 pixel rgb(83, 97, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 97, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 97, 120);  
box-shadow:4px 4px 4px 4px rgb(83, 97,  
120) }
```

Background

The CSS property to change the background color of an element to YUV 95.4360, 12.1101, -10.9064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 97, 120) }
```

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

```
.background{ background-color: rgb(83, 97,  
120) }
```

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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