

Converting Colors

YUV(96.7310, 4.5696, -19.0581)

Have a look what the booklet for
YUV(96.7310, 4.5696, -19.0581)
contains.

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Color

**YUV(96.7310, 4.5696,
-19.0581)**

Conversions

Conversions Part 1

Format	Color
Hex	4B6A6A
RGB	75, 106, 106
RGB Percent	29%, 42%, 42%
CMY	0.7059, 0.5843, 0.5843
CMYK	0.29, 0.00, 0.00, 0.58
HSL	180°, 17%, 35%
HSV	180°, 29%, 42%
XYZ	10.6572, 12.8445, 15.5532
YIQ	96.7310, -18.4760, -6.5720

Conversions

Conversions Part 2

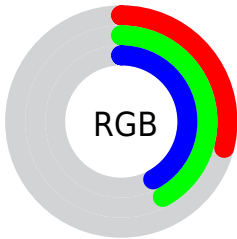
Format	Color
R_{YB}	75, 91, 106
Decimal	4942442
CIE _{Lab}	42.53, -11.17, -3.64
CIE _{LCh}	43, 11.749, 198.036
Yxy	12.8445, 0.2729, 0.3289
Android (android.graphics.Color)	4283132522 (0xFF4B6A6A)
YUV	96.7310, 4.5696, -19.0581
Hunter-Lab	35.8393, -9.6398, -0.6427

Details

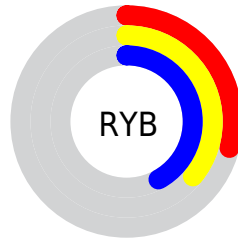
The YUV color **96.7310, 4.5696, -19.0581** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **84.2690, -4.5696, 19.0581**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.4320, 4.7170, -19.6729**, and **49.7310, 4.5696, -19.0581** is the 20% darker color. If you saturate the color by 10%, you get **93.4420, 6.1911, -25.8206**, and if you desaturate by 10%, it is **100.0200, 2.9481, -12.2955**.

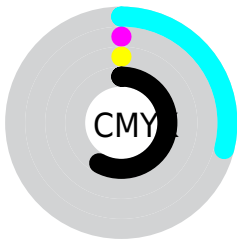
Distribution



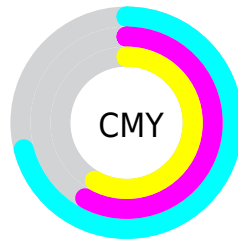
- Red (29%)
- Green (42%)
- Blue (42%)



- Red (29%)
- Yellow (36%)
- Blue (42%)



- Cyan (29%)
- Magenta (0%)
- Yellow (0%)
- Black (58%)



- Cyan (71%)
- Magenta (58%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.7310, 4.5696, -19.0581 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 96.7310, 4.5696, -19.0581 by changing the saturation by 10% instead.

■ 96.7310, 4.5696,
-19.0581

■ 96.7310, 4.5696,
-19.0581

■ 255.0000, 0.0000,
0.0000

■ 72.7310, 4.5696,
-19.0581

■ 147.4320, 4.7170,
-19.6729

■ 49.7310, 4.5696,
-19.0581

■ 174.1330, 4.8644,
-20.2876

■ 27.4320, 4.7170,
-19.6729

■ 201.8340, 5.0118,
-20.9024

■ 11.8030, 2.0691,
-10.3512

■ 229.8340, 5.0118,
-20.9024

■ 0.0000, 0.0000,
0.0000

■ 248.7210, 3.0955,
-12.9103

■ 96.7310, 4.5696,
-19.0581

■ 96.7310, 4.5696,
-19.0581

■ 93.4420, 6.1911,
-25.8206

■ 100.0200, 2.9481,
-12.2955

■ 90.4520, 7.6652,
-31.9684

■ 103.0100, 1.4741,
-6.1478

■ 87.1630, 9.2866,
-38.7310

■ 106.2990, -0.1474,
0.6148

■ 84.1730, 10.7607,
-44.8787

■ 109.2890, -1.6215,
6.7625

■ 80.8840, 12.3822,
-51.6413

■ 112.5780, -3.2430,
13.5251

■ 77.5950, 14.0037,
-58.4038

■ 115.8670, -4.8644,
20.2876

■ 74.6050, 15.4777,
-64.5516

■ 118.8570, -6.3385,
26.4354

■ 74.3060, 15.6251,

■ 122.1460, -7.9600,

-65.1664

33.1980

■ 125.1360, -9.4340,
39.3457

Harmonies

Analogous

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



97.3850, -0.6828, -14.3696



96.7310, 4.5696, -19.0581



97.3550, 8.2060, -18.7283

Triad

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



96.7310, 4.5696, -19.0581



101.8250, 5.5093, 6.2925



100.3620, -9.0525, 10.2065

Complementary

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



96.7310, 4.5696, -19.0581



84.2690, -4.5696, 19.0581

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.



101.1500, -7.4689, 15.6545



96.7310, 4.5696, -19.0581



102.4300, 1.2670, 13.6549

Square

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



96.7310, 4.5696, -19.0581



100.6820, 9.0308, -3.2291



102.1870, -3.5432, 16.4990



99.7200, -8.7360, 1.9996

Rectangle

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



96.7310, 4.5696, -19.0581



98.1320, 9.7949, -15.0248



102.1870, -3.5432, 16.4990



100.4870, -8.6211, 11.8509

Sweetspot

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



96.7310, 4.5696, -19.0581



134.1130, 1.9163, -7.9921



93.1970, -8.9711, -15.9588



66.6080, 1.1793, -4.9182



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



96.7310, 4.5696, -19.0581



123.6480, 7.0755, -29.5093



87.9260, 8.9105, -11.3361



52.2060, 0.8844, -3.6887



82.0170, 17.2466, -71.9289



171.7450, 36.1147, -150.6204

Inverse Universe

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



87.8030, 8.9711, 15.9588



109.8240, 13.8908, 24.7104



93.6610, -9.1999, 10.8213



50.4780, 1.7363, 3.0888



48.3210, 33.8587, 60.2315



101.1850, 70.9008, 126.1258

Previews

White Background



This preview shows how the YUV color 96.7310, 4.5696, -19.0581 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 96.7310, 4.5696, -19.0581 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

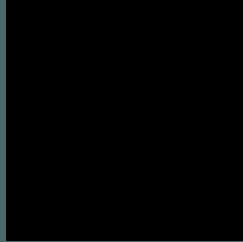
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 96.7310, 4.5696, -19.0581

Background



This preview shows how black text looks on a background with the YUV color 96.7310, 4.5696, -19.0581.



This preview shows how white text looks on a background with the YUV color 96.7310, 4.5696, -19.0581.

-19.0581.

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

96.7310, 4.5696, -19.0581

Protanopia

100.5270, 0.7262, 0.4148

Deuteranopia

100.9450, 3.4781, 4.4332



Tritanopia

97.5400, 7.6218, -18.0136

Trichromacy



Original Color

96.7310, 4.5696, -19.0581

Protanomaly

99.1240, 1.9109, -6.2477

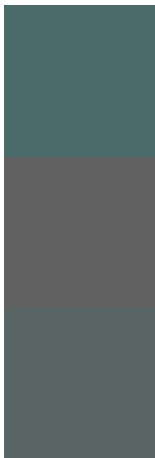
Deuteranomaly

99.3030, 3.7946, -3.7737

Tritanomaly

96.8990, 6.4588, -18.3284

Monochromacy



Original Color

96.7310, 4.5696, -19.0581

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

96.7110, 1.6215, -6.7625

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.7310, 4.5696, -19.0581 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(75, 106, 106)` looks like.

```
.text, #text, p{  
    color:rgb(75, 106, 106)  
}
```

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(75, 106, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 106, 106) }
```

Border

The CSS property to change the border of an element to YUV 96.7310, 4.5696, -19.0581 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(75, 106, 106) }
```


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

```
.border{ border-color:rgb(75, 106, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 106, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 106, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 106, 106);  
box-shadow:4px 4px 4px 4px rgb(75, 106,  
106) }
```

Background

The CSS property to change the background color of an element to YUV 96.7310, 4.5696, -19.0581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 106, 106) }
```

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

```
.background{ background-color: rgb(75, 106,  
106) }
```

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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