

Converting Colors

YUV(104.7310, 4.5696,
-19.0581)

Have a look what the booklet for
YUV(104.7310, 4.5696, -19.0581)
contains.

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Color

**YUV(104.7310, 4.5696,
-19.0581)**

Conversions

Conversions Part 1

Format	Color
Hex	537272
RGB	83, 114, 114
RGB Percent	33%, 45%, 45%
CMY	0.6745, 0.5529, 0.5529
CMYK	0.27, 0.00, 0.00, 0.55
HSL	180°, 16%, 39%
HSV	180°, 27%, 45%
XYZ	12.6219, 15.0885, 18.1667
YIQ	104.7310, -18.4760, -6.5720

Conversions

Conversions Part 2

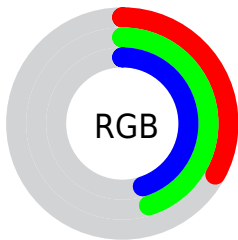
Format	Color
RYB	83, 99, 114
Decimal	5468786
CIELab	45.76, -11.09, -3.63
CIElCh	46, 11.672, 198.116
Yxy	15.0885, 0.2751, 0.3289
Android (android.graphics.Color)	4283658866 (0xFF537272)
YUV	104.7310, 4.5696, -19.0581
Hunter-Lab	38.8440, -9.9756, -0.5383

Details

The YUV color **104.7310, 4.5696, -19.0581** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **92.2690, -4.5696, 19.0581**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.1330, 4.8644, -20.2876**, and **57.0300, 4.4222, -18.4433** is the 20% darker color. If you saturate the color by 10%, you get **101.4420, 6.1911, -25.8206**, and if you desaturate by 10%, it is **108.0200, 2.9481, -12.2955**.

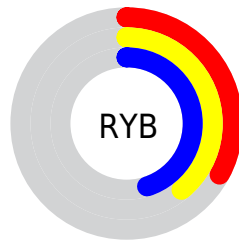
Distribution



Red (33%)

Green (45%)

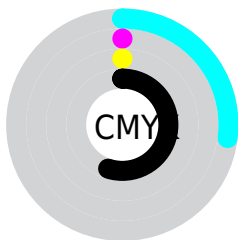
Blue (45%)



Red (33%)

Yellow (39%)

Blue (45%)

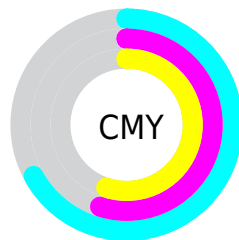


Cyan (27%)

Magenta (0%)

Yellow (0%)

Black (55%)



Cyan (67%)

Magenta (55%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.7310, 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 104.7310, 4.5696, -19.0581 by changing the saturation by 10% instead.

■ 104.7310, 4.5696,
-19.0581

■ 104.7310, 4.5696,
-19.0581

■ 255.0000, 0.0000,
0.0000

■ 80.1440, 4.8590,
-18.5433

■ 156.1330, 4.8644,
-20.2876

■ 57.0300, 4.4222,
-18.4433

■ 183.1330, 4.8644,
-20.2876

■ 34.7310, 4.5696,
-19.0581

■ 210.8340, 5.0118,
-20.9024

■ 16.8240, 3.5378,
-14.7546

■ 239.4210, 4.7224,
-21.4172

■ 0.0000, 0.0000,
0.0000

■ 251.7110, 1.6215,
-6.7625

■ 104.7310, 4.5696,
-19.0581

■ 104.7310, 4.5696,
-19.0581

■ 101.4420, 6.1911,
-25.8206

■ 108.0200, 2.9481,
-12.2955

■ 97.8540, 7.9600,
-33.1980

■ 111.6080, 1.1793,
-4.9182

■ 94.5650, 9.5815,
-39.9605

■ 114.8970, -0.4422,
1.8443

■ 90.9770, 11.3503,
-47.3378

■ 118.4850, -2.2111,
9.2217

■ 87.6880, 12.9718,
-54.1004

■ 121.7740, -3.8326,
15.9842

■ 84.3990, 14.5933,
-60.8629

■ 125.0630, -5.4541,
22.7467

■ 80.8110, 16.3622,
-68.2402

■ 128.6510, -7.2229,
30.1241

■ 79.9140, 16.8044,

■ 131.9400, -8.8444,

-70.0846

36.8866

■ 135.5280,
-10.6133, 44.2639

Harmonies

Analogous

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



105.3850, -0.6828, -14.3696



104.7310, 4.5696, -19.0581



105.3550, 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.



104.7310, 4.5696, -19.0581



109.8250, 5.5093, 6.2925



108.2480, -9.4893, 10.3065

Complementary

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



104.7310, 4.5696, -19.0581



92.2690, -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.



109.1500, -7.4690, 15.6544



104.7310, 4.5696, -19.0581



110.4300, 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.



104.7310, 4.5696, -19.0581



108.6820, 9.0308, -3.2291



110.1870, -3.5432, 16.4990



107.7200, -8.7360, 1.9996

Rectangle

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



104.7310, 4.5696, -19.0581



106.1320, 9.7949, -15.0248



110.1870, -3.5432, 16.4990



108.7860, -8.7685, 12.4657

Sweetspot

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



104.7310, 4.5696, -19.0581



144.4120, 1.7689, -7.3773



101.1970, -8.9711, -15.9588



71.9070, 1.0318, -4.3034



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.



104.7310, 4.5696, -19.0581



133.3490, 7.2229, -30.1241



95.9260, 8.9105, -11.3361



54.2060, 0.8844, -3.6887



84.1200, 17.6888, -73.7732



173.1470, 36.4095, -151.8499

Inverse Universe

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



95.8030, 8.9711, 15.9588



119.2370, 14.1802, 25.2252



101.6610, -9.1999, 10.8213



52.4780, 1.7363, 3.0888



49.5600, 34.7269, 61.7759



102.0110, 71.4796, 127.1554

Previews

White Background



This preview shows how the YUV color 104.7310, 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 104.7310, 4.5696, -19.0581 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

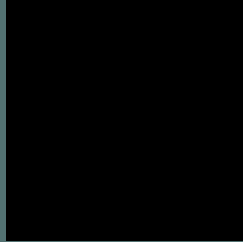
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 104.7310, 4.5696, -19.0581

Background



This preview shows how black text looks on a background with the YUV color 104.7310, 4.5696, -19.0581.



This preview shows how white text looks on a background with the YUV color 104.7310, 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

104.7310, 4.5696, -19.0581

Protanopia

107.9400, 1.0156, 0.9296

Deuteranopia

109.2440, 3.3307, 5.0480



Tritanopia

105.6540, 8.0586, -18.1136

Trichromacy



Original Color

104.7310, 4.5696, -19.0581

Protanomaly

107.1240, 1.9109, -6.2477

Deuteranomaly

107.3030, 3.7946, -3.7737

Tritanomaly

105.0130, 6.8956, -18.4284

Monochromacy



Original Color

104.7310, 4.5696, -19.0581

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

104.7110, 1.6215, -6.7625

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.7310, 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(83, 114, 114)` looks like.

```
.text, #text, p{  
    color:rgb(83, 114, 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(83, 114, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 114, 114) }
```

Border

The CSS property to change the border of an element to YUV 104.7310, 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(83, 114, 114) }
```


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

```
.border{ border-color:rgb(83, 114, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 114, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 114, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 114, 114);  
box-shadow:4px 4px 4px 4px rgb(83, 114,  
114) }
```

Background

The CSS property to change the background color of an element to YUV 104.7310, 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(83, 114, 114) }
```

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

```
.background{ background-color: rgb(83, 114,  
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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