

Converting Colors

YUV(104.7550, 35.1238,
-19.0791)

Have a look what the booklet for
YUV(104.7550, 35.1238, -19.0791)
contains.

YUV(104.7550, 35.1238, -19.0791)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(104.7550, 35.1238,
-19.0791)**

Conversions

Conversions Part 1

Format	Color
Hex	5366B0
RGB	83, 102, 176
RGB Percent	33%, 40%, 69%
CMY	0.6745, 0.6000, 0.3098
CMYK	0.53, 0.42, 0.00, 0.31
HSL	228°, 37%, 51%
HSV	228°, 53%, 69%
XYZ	16.1551, 14.4763, 43.0170
YIQ	104.7550, -35.0780, 18.9860

Conversions

Conversions Part 2

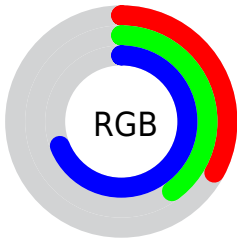
Format	Color
R_{YB}	83, 99, 176
Decimal	5465776
CIE _{Lab}	44.91, 14.43, -41.74
CIE _{LCh}	45, 44.164, 289.071
Yxy	14.4763, 0.2194, 0.1966
Android (android.graphics.Color)	4283655856 (0xFF5366B0)
YUV	104.7550, 35.1238, -19.0791
Hunter-Lab	38.0478, 9.2077, -40.4002

Details

The YUV color **104.7550, 35.1238, -19.0791** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **154.2450, -35.1238, 19.0791**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.5210, 36.7181, -17.1199**, and **53.1730, 34.4247, -28.2157** is the 20% darker color. If you saturate the color by 10%, you get **91.1550, 41.8286, -22.9379**, and if you desaturate by 10%, it is **118.3550, 28.4190, -15.2203**.

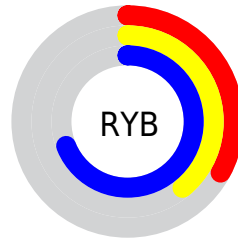
Distribution



Red (33%)

Green (40%)

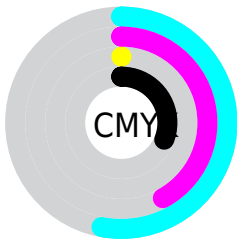
Blue (69%)



Red (33%)

Yellow (39%)

Blue (69%)

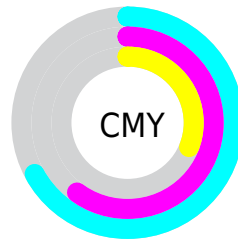


Cyan (53%)

Magenta (42%)

Yellow (0%)

Black (31%)



Cyan (67%)

Magenta (60%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.7550, 35.1238, -19.0791 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 104.7550, 35.1238, -19.0791 by changing the saturation by 10% instead.

■ 104.7550, 35.1238,
-19.0791

■ 104.7550, 35.1238,
-19.0791

255.0000, 0.0000,
0.0000

■ 79.2170, 34.4030,
-21.2383

■ 157.5210, 36.7181,
-17.1199

■ 53.1730, 34.4247,
-28.2157

■ 183.7770, 35.1129,
-15.5904

■ 31.7170, 32.6775,
-27.8158

■ 208.8840, 22.7352,
-12.1763

■ 16.5400, 27.8348,
-14.5056

■ 233.9910, 10.3574,
-8.7621

■ 8.0480, 20.6823,
-7.0581

254.4020, 0.2948,
-1.2296

■ 4.3660, 11.6516,
-3.8290

■ 0.0000, 0.0000,

0.0000

■ 104.7550, 35.1238,
-19.0791

■ 104.7550, 35.1238,
-19.0791

■ 91.1550, 41.8286,
-22.9379

■ 118.3550, 28.4190,
-15.2203

■ 77.8540, 48.3860,
-26.1820

■ 131.6560, 21.8616,
-11.9763

■ 64.2540, 55.0908,
-30.0408

■ 145.2560, 15.1568,
-8.1175

■ 50.9530, 61.6482,
-33.2848

■ 158.5570, 8.5994,
-4.8735

■ 41.1960, 66.4584,
-36.1289

■ 172.1570, 1.8946,
-1.0147

■ 185.7570, -4.8102,
2.8441

■ 199.0580,
-11.3676, 6.0881

■ 212.6580,
-18.0724, 9.9469

■ 225.9590,
-24.6298, 13.1910

Harmonies

Analogous

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



87.2100, 44.7595, -76.4832



104.7550, 35.1238, -19.0791



110.0010, 22.1845, 24.5551

Triad

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



104.7550, 35.1238, -19.0791



104.2610, -25.7647, 50.6371



82.5750, 4.1535, -72.4183

Complementary

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



104.7550, 35.1238, -19.0791



154.2450, -35.1238, 19.0791

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.



93.8780, -18.6739, -30.5880



104.7550, 35.1238, -19.0791



102.9690, -36.4667, 29.8452

Square

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



104.7550, 35.1238, -19.0791



105.0400, -10.3727, 60.4779



99.4880, -33.7646, 3.0800



87.4940, 20.4625, -76.7322

Rectangle

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



104.7550, 35.1238, -19.0791



107.9020, 12.3733, 44.8129



99.4880, -33.7646, 3.0800



80.6200, -0.7987, -70.7037

Sweetspot

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



104.7550, 35.1238, -19.0791



201.3270, 14.1358, -7.3028



145.9130, 4.9729, -55.1747



97.8560, 8.4520, -4.2587



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



104.7550, 35.1238, -19.0791



118.5530, 54.9434, -29.4260



101.3760, 36.7896, 6.6862



82.2000, 3.3524, -1.9294



35.6390, 57.8590, -31.2554



5.8990, 9.9098, -5.1734

Inverse Universe

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



112.9730, -5.4097, 55.2747



131.6610, -8.7069, 86.2433



157.6240, -36.7896, -6.6862



82.9190, -0.4531, 5.3330



49.2810, -9.0125, 90.9616



8.3440, -1.6486, 15.4843

Previews

White Background



This preview shows how the YUV color 104.7550, 35.1238, -19.0791 looks on a white background.

Color Contrast Check

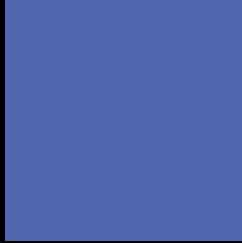
Large Text (above 18pt) WCAG AA ✓ Pass

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 104.7550, 35.1238, -19.0791 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

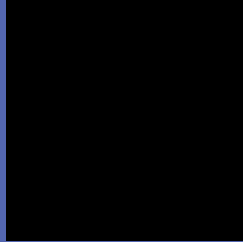
Any Text WCAG AA × Fail

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 104.7550, 35.1238, -19.0791 Background



This preview shows how black text looks on a background with the YUV color 104.7550, 35.1238, -19.0791.



This preview shows how white text looks on a background with the YUV color 104.7550, 35.1238, -19.0791.

-19.0791.

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

104.7550, 35.1238, -19.0791

Protanopia

103.6510, 36.1611, -25.1269

Deuteranopia

100.9980, 36.4830, -35.0782



Tritanopia

100.3750, 11.1541, -31.0239

Trichromacy



Original Color

104.7550, 35.1238, -19.0791

Protanomaly

103.9610, 36.0082, -22.7678

Deuteranomaly

102.2160, 35.8825, -29.1304

Tritanomaly

102.2860, 19.5790, -26.5608

Monochromacy



Original Color

104.7550, 35.1238, -19.0791

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

104.9850, 12.8254, -7.0028

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.7550, 35.1238, -19.0791 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, 102, 176)` looks like.

```
.text, #text, p{  
    color:rgb(83, 102, 176)  
}
```

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, 102, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 102, 176) }
```

Border

The CSS property to change the border of an element to YUV 104.7550, 35.1238, -19.0791 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, 102, 176) }
```


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

```
.border{ border-color:rgb(83, 102, 176) }
```

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

Here you see how a box with a 4 pixel rgb(83, 102, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 102, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 102, 176);  
box-shadow:4px 4px 4px 4px rgb(83, 102,  
176) }
```

Background

The CSS property to change the background color of an element to YUV 104.7550, 35.1238, -19.0791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 102, 176) }
```

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

```
.background{ background-color: rgb(83, 102,  
176) }
```

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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