

Converting Colors

YUV(109.5360, 40.6548,
-19.7641)

Have a look what the booklet for
YUV(109.5360, 40.6548, -19.7641)
contains.

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Color

**YUV(109.5360, 40.6548,
-19.7641)**

Conversions

Conversions Part 1

Format	Color
Hex	5769C0
RGB	87, 105, 192
RGB Percent	34%, 41%, 75%
CMY	0.6588, 0.5882, 0.2471
CMYK	0.55, 0.45, 0.00, 0.25
HSL	230°, 45%, 55%
HSV	230°, 55%, 75%
XYZ	18.4965, 15.9352, 51.9701
YIQ	109.5360, -38.6550, 23.2410

Conversions

Conversions Part 2

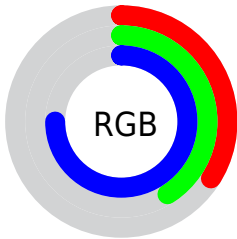
Format	Color
R _Y B	87, 102, 192
Decimal	5728704
CIE Lab	46.89, 18.67, -47.87
CIE LCh	47, 51.384, 291.310
Yxy	15.9352, 0.2141, 0.1844
Android (android.graphics.Color)	4283918784 (0xFF5769C0)
YUV	109.5360, 40.6548, -19.7641
Hunter-Lab	39.9189, 12.8503, -49.2460

Details

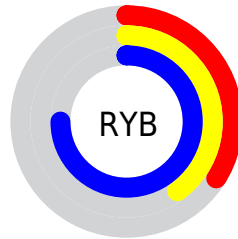
The YUV color **109.5360, 40.6548, -19.7641** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **169.4640, -40.6548, 19.7641**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.0140, 42.3911, -16.6753**, and **56.0570, 40.3979, -30.7450** is the 20% darker color. If you saturate the color by 10%, you get **94.4630, 48.0857, -23.2081**, and if you desaturate by 10%, it is **124.6090, 33.2238, -16.3201**.

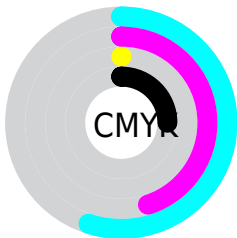
Distribution



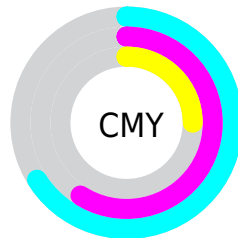
- Red (34%)
- Green (41%)
- Blue (75%)



- Red (34%)
- Yellow (40%)
- Blue (75%)



- Cyan (55%)
- Magenta (45%)
- Yellow (0%)
- Black (25%)



- Cyan (66%)
- Magenta (59%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.5360, 40.6548, -19.7641 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 109.5360, 40.6548, -19.7641 by changing the saturation by 10% instead.

■ 109.5360, 40.6548,
-19.7641

■ 109.5360, 40.6548,
-19.7641

■ 255.0000, 0.0000,
0.0000

■ 83.4000, 40.2288,
-23.1528

■ 163.0140, 42.3911,
-16.6753

■ 56.0570, 40.3979,
-30.7450

■ 187.9190, 33.0709,
-13.9610

■ 34.4870, 38.2139,
-30.2451

■ 212.4390, 20.9826,
-10.0320

■ 20.4840, 32.7924,
-17.9645

■ 238.1330, 8.3154,
-7.1326

■ 8.3560, 26.9395,
-7.3282

■ 6.3210, 16.6037,
-5.5435

■ 2.6390, 7.5730,

-2.3144

■ 0.0000, 0.0000,
0.0000

■ 109.5360, 40.6548,
-19.7641

■ 109.5360, 40.6548,
-19.7641

■ 94.4630, 48.0857,
-23.2081

■ 124.6090, 33.2238,
-16.3201

■ 79.3900, 55.5167,
-26.6520

■ 139.6820, 25.7928,
-12.8761

■ 64.0180, 63.0951,
-30.7108

■ 155.0540, 18.2144,
-8.8174

■ 48.9450, 70.5261,
-34.1548

■ 170.1270, 10.7834,
-5.3734

■ 41.2590, 74.3153,
-36.1841

■ 185.2000, 3.3524,
-1.9294

■ 199.6860, -3.7892,
2.0294

■ 214.7590,
-11.2202, 5.4734

■ 230.1310,
-18.7986, 9.5321

■ 243.7090,
-25.4925, 9.9022

Harmonies

Analogous

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



92.8980, 51.3223, -81.4715



109.5360, 40.6548, -19.7641



114.5550, 25.3624, 31.9623

Triad

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



109.5360, 40.6548, -19.7641



107.8120, -31.4593, 57.1699



87.9550, 4.4592, -77.1365

Complementary

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



109.5360, 40.6548, -19.7641



169.4640, -40.6548, 19.7641

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.



94.7580, -20.0937, -41.8838



109.5360, 40.6548, -19.7641



105.9880, -45.3501, 32.4595

Square

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



109.5360, 40.6548, -19.7641



107.8240, -12.7312, 70.3144



102.1150, -41.4687, 0.7761



92.9710, 23.6783, -81.5356

Rectangle

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



109.5360, 40.6548, -19.7641



111.7230, 13.9406, 55.4939



102.1150, -41.4687, 0.7761



85.6580, -1.8034, -75.1221

Sweetspot

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



109.5360, 40.6548, -19.7641



218.6690, 15.4462, -7.6027



158.4390, 7.1786, -62.6520



106.0840, 9.3256, -4.4587



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



109.5360, 40.6548, -19.7641



120.2460, 63.9687, -30.9107



108.8370, 40.9994, 9.7900



89.3140, 3.7892, -2.0294



34.7900, 62.2215, -30.5108



7.2840, 12.6780, -6.3881

Inverse Universe

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



120.4470, -7.6154, 62.7520



137.5270, -12.0918, 98.6388



170.1630, -40.9994, -9.7900



90.2180, -0.6005, 5.9478



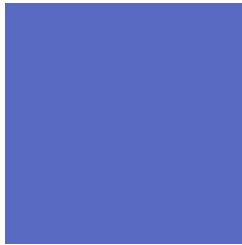
51.3310, -11.5022, 96.1797



10.5510, -2.2436, 19.6878

Previews

White Background



This preview shows how the YUV color 109.5360, 40.6548, -19.7641 looks on a white background.

Color Contrast Check

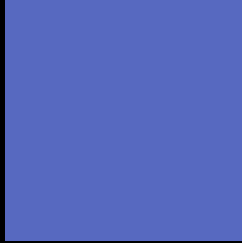
Large Text (above 18pt) WCAG AA ✓ Pass

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 109.5360, 40.6548, -19.7641 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 109.5360, 40.6548, -19.7641 Background



This preview shows how black text looks on a background with the YUV color 109.5360, 40.6548, -19.7641.



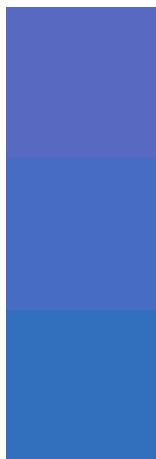
This preview shows how white text looks on a background with the YUV color 109.5360, 40.6548, -19.7641.

-19.7641.

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

109.5360, 40.6548, -19.7641

Protanopia

106.8550, 43.4555, -31.4448

Deuteranopia

102.3540, 43.2095, -45.9145



Tritanopia

103.6950, 12.4754, -34.8125

Trichromacy



Original Color

109.5360, 40.6548, -19.7641

Protanomaly

107.9480, 42.4236, -27.1414

Deuteranomaly

104.5940, 42.5982, -36.4779

Tritanomaly

105.7740, 22.7894, -29.6198

Monochromacy



Original Color

109.5360, 40.6548, -19.7641

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

109.8540, 14.8620, -6.8880

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.5360, 40.6548, -19.7641 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(87, 105, 192)` looks like.

```
.text, #text, p{  
    color:rgb(87, 105, 192)  
}
```

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(87, 105, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 105, 192) }
```

Border

The CSS property to change the border of an element to YUV 109.5360, 40.6548, -19.7641 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(87, 105, 192) }
```


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

```
.border{ border-color:rgb(87, 105, 192) }
```

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

Here you see how a box with a 4 pixel rgb(87, 105, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 105, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 105, 192);  
box-shadow:4px 4px 4px 4px rgb(87, 105,  
192) }
```

Background

The CSS property to change the background color of an element to YUV 109.5360, 40.6548, -19.7641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 105, 192) }
```

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

```
.background{ background-color: rgb(87, 105,  
192) }
```

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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