

Converting Colors

YUV(60.5960, 19.9192, 51.2203)

Have a look what the booklet for
YUV(60.5960, 19.9192, 51.2203)
contains.

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Color

**YUV(60.5960, 19.9192,
51.2203)**

Conversions

Conversions Part 1

Format	Color
Hex	771765
RGB	119, 23, 101
RGB Percent	47%, 9%, 40%
CMY	0.5333, 0.9098, 0.6039
CMYK	0.00, 0.81, 0.15, 0.53
HSL	311°, 68%, 28%
HSV	311°, 81%, 47%
XYZ	10.2631, 5.4743, 12.8276
YIQ	60.5960, 32.1780, 44.6100

Conversions

Conversions Part 2

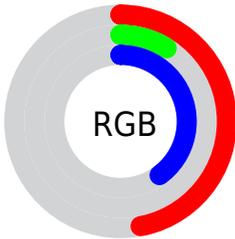
Format	Color
R_{YB}	119, 23, 101
Decimal	7804773
CIE Lab	28.05, 48.24, -22.10
CIE LCh	28, 53.067, 335.383
Yxy	5.4743, 0.3593, 0.1916
Android (android.graphics.Color)	4285994853 (0xFF771765)
YUV	60.5960, 19.9192, 51.2203
Hunter-Lab	23.3973, 37.3531, -16.1279

Details

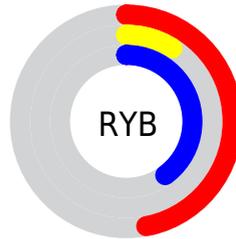
The YUV color **60.5960, 19.9192, 51.2203** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **81.4040, -19.9192, -51.2203**, and the grayscale version is **60.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **115.7270, 17.8826, 51.1054**, and **25.8900, 13.8582, 35.1765** is the 20% darker color. If you saturate the color by 10%, you get **53.3240, 22.5183, 57.5979**, and if you desaturate by 10%, it is **67.8680, 17.3201, 44.8428**.

Distribution



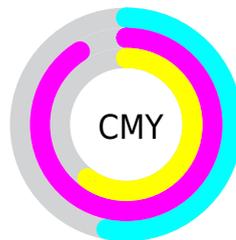
- Red (47%)
- Green (9%)
- Blue (40%)



- Red (47%)
- Yellow (9%)
- Blue (40%)



- Cyan (0%)
- Magenta (81%)
- Yellow (15%)
- Black (53%)



- Cyan (53%)
- Magenta (91%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 60.5960, 19.9192, 51.2203 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 60.5960, 19.9192, 51.2203 by changing the saturation by 10% instead.

60.5960, 19.9192,
51.2203

60.5960, 19.9192,
51.2203

255.0000, 0.0000,
0.0000

36.2860, 20.0720,
48.8612

115.7270, 17.8826,
51.1054

25.8900, 13.8582,
35.1765

142.7380, 17.8772,
52.8498

16.9180, 7.9284,
23.7509

170.4500, 18.0192,
53.9794

0.4560, 1.7472,
-0.3999

196.3680, 19.0456,
51.4203

0.0000, 0.0000,
0.0000

215.0840, 19.6786,
35.0063

231.5200, 11.5756,

20.5920

 248.5430, 3.1833,
5.6628

 60.5960, 19.9192,
51.2203

 60.5960, 19.9192,
51.2203

 53.3240, 22.5183,
57.5979

 67.8680, 17.3201,
44.8428

 46.6390, 24.8280,
63.4606

 75.1400, 14.7210,
38.4652

 82.5260, 12.5587,
31.9877

 89.7980, 9.9596,
25.6102

 96.4830, 7.6499,
19.7474

■ 103.7550, 5.0508,
13.3699

■ 111.1410, 2.8885,
6.8923

■ 118.4130, 0.2894,
0.5148

■ 125.6850, -2.3097,
-5.8627

Harmonies

Analogous

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



66.7410, 33.1587, 4.6121



60.5960, 19.9192, 51.2203



47.3190, 6.7447, 76.8962

Triad

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



60.5960, 19.9192, 51.2203



62.0530, -30.5921, 12.2315



61.6030, 25.3387, -54.0258

Complementary

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



60.5960, 19.9192, 51.2203



81.4040, -19.9192, -51.2203

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.



57.0430, 7.8668, -50.0267



60.5960, 19.9192, 51.2203



53.8810, -26.5633, -20.0666

Square

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



60.5960, 19.9192, 51.2203



62.2290, -30.6789, 40.1412



50.8530, -10.7735, -44.5981



62.4470, 38.7266, -54.7660

Rectangle

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



60.5960, 19.9192, 51.2203



52.1600, -8.9529, 71.7737



50.8530, -10.7735, -44.5981



60.1210, 19.6603, -52.7261

Sweetspot

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



60.5960, 19.9192, 51.2203



132.8960, 7.9393, 20.2622



39.3260, 39.2793, 1.4681



65.0430, 4.9088, 12.2403



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.



60.5960, 19.9192, 51.2203



64.0570, 31.0309, 80.6340



55.1240, -1.0471, 56.0193



55.3640, 1.2995, 3.1888



47.7640, 25.2593, 65.1050



97.8920, 51.8182, 133.3987

Inverse Universe

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



60.5960, 19.9192, 51.2203



64.0570, 31.0309, 80.6340



86.8760, 1.0471, -56.0193



55.3640, 1.2995, 3.1888



47.7640, 25.2593, 65.1050



97.8920, 51.8182, 133.3987

Previews

White Background



This preview shows how the YUV color 60.5960, 19.9192, 51.2203 looks on a white background.

Color Contrast Check

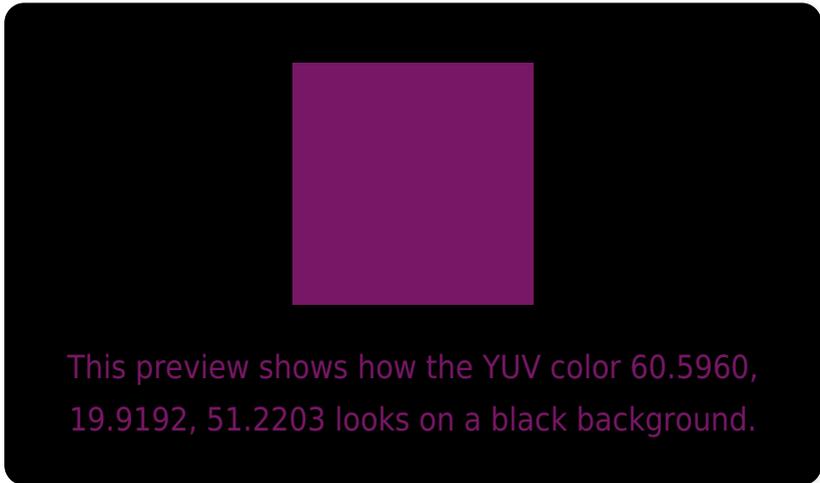
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

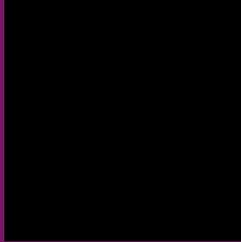
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 60.5960, 19.9192, 51.2203

Background



This preview shows how black text looks on a background with the YUV color 60.5960, 19.9192, 51.2203.



This preview shows how white text looks on a background with the YUV color 60.5960, 19.9192,

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

60.5960, 19.9192, 51.2203

Protanopia

59.9270, 37.5040, -35.8930

Deuteranopia

67.5010, 13.5570, -8.3324



Tritanopia

65.2720, -9.0081, 42.7345

Trichromacy



Original Color

60.5960, 19.9192, 51.2203

Protanomaly

59.8170, 31.1492, -4.2245

Deuteranomaly

64.9150, 15.8179, 13.2295

Tritanomaly

63.4540, 1.7482, 46.0828

Monochromacy



Original Color

60.5960, 19.9192, 51.2203

Achromatopsia

61.0000, 0.0000, 0.0000

Achromatomaly

60.7710, 7.5079, 18.6178

CSS Examples

Text

The CSS property to change the color of the text to YUV 60.5960, 19.9192, 51.2203 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(119, 23, 101)` looks like.

```
.text, #text, p{  
    color:rgb(119, 23, 101)  
}
```

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(119, 23, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 23, 101) }
```

Border

The CSS property to change the border of an element to YUV 60.5960, 19.9192, 51.2203 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(119, 23, 101) }
```

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

```
.border{ border-color:rgb(119, 23, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 23, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(119, 23, 101); -webkit-box-shadow:4px 4px 4px 4px rgb(119, 23, 101); box-shadow:4px 4px 4px 4px rgb(119, 23, 101) }
```

Background

The CSS property to change the background color of an element to YUV 60.5960, 19.9192, 51.2203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 23, 101) }
```

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

```
.background{ background-color: rgb(119, 23,  
101) }
```

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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