

Converting Colors

YUV(99.7950, 47.9221,
-17.3602)

Have a look what the booklet for
YUV(99.7950, 47.9221, -17.3602)
contains.

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Color

**YUV(99.7950, 47.9221,
-17.3602)**

Conversions

Conversions Part 1

Format	Color
Hex	505BC5
RGB	80, 91, 197
RGB Percent	31%, 36%, 77%
CMY	0.6863, 0.6431, 0.2275
CMYK	0.59, 0.54, 0.00, 0.23
HSL	234°, 50%, 54%
HSV	234°, 59%, 77%
XYZ	17.1274, 13.2189, 54.4721
YIQ	99.7950, -40.5820, 30.6340

Conversions

Conversions Part 2

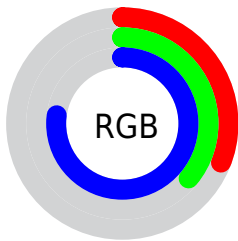
Format	Color
R _Y B	80, 90, 197
Decimal	5266373
CIE Lab	43.09, 27.71, -56.89
CIE LCh	43, 63.279, 295.972
Yxy	13.2189, 0.2019, 0.1558
Android (android.graphics.Color)	4283456453 (0xFF505BC5)
YUV	99.7950, 47.9221, -17.3602
Hunter-Lab	36.3578, 20.4616, -63.3794

Details

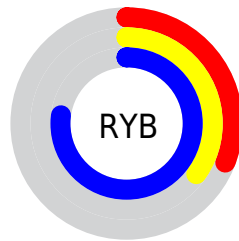
The YUV color **99.7950, 47.9221, -17.3602** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted blue. A complement of this color would be **177.2050, -47.9221, 17.3602**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.2840, 49.6530, -12.5271**, and **43.1900, 48.7133, -37.8776** is the 20% darker color. If you saturate the color by 10%, you get **83.2490, 56.0792, -20.3894**, and if you desaturate by 10%, it is **116.3410, 39.7649, -14.3311**.

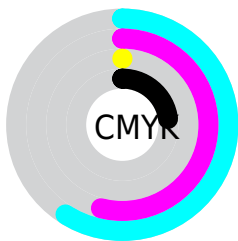
Distribution



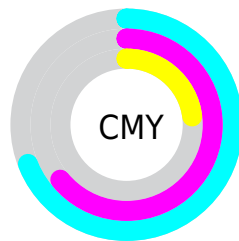
- Red (31%)
- Green (36%)
- Blue (77%)



- Red (31%)
- Yellow (35%)
- Blue (77%)



- Cyan (59%)
- Magenta (54%)
- Yellow (0%)
- Black (23%)



- Cyan (69%)
- Magenta (64%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.7950, 47.9221, -17.3602 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 99.7950, 47.9221, -17.3602 by changing the saturation by 10% instead.

■ 99.7950, 47.9221,
-17.3602

■ 99.7950, 47.9221,
-17.3602

■ 255.0000, 0.0000,
0.0000

■ 73.2350, 47.2121,
-23.0081

■ 153.2840, 49.6530,
-12.5271

■ 43.1900, 48.7133,
-37.8776

■ 177.3310, 38.2908,
-8.1833

■ 28.4860, 43.1444,
-24.9822

■ 202.4380, 25.9131,
-4.7691

■ 11.5480, 39.1698,
-10.1276

■ 227.2570, 13.6773,
-0.2254

■ 11.6330, 26.8029,
-10.2021

■ 252.6520, 1.1576,
2.0592

■ 6.6630, 17.9141,
-5.8435

■ 2.9810, 8.8834,

-2.6143

■ 0.0000, 0.0000,
0.0000

■ 99.7950, 47.9221,
-17.3602

■ 99.7950, 47.9221,
-17.3602

■ 83.2490, 56.0792,
-20.3894

■ 116.3410, 39.7649,
-14.3311

■ 67.0020, 64.0890,
-22.8038

■ 132.5880, 31.7551,
-11.9167

■ 50.4560, 72.2462,
-25.8329

■ 149.1340, 23.5979,
-8.8875

■ 34.4970, 80.1140,
-29.3769

■ 165.0930, 15.7302,
-5.3436

■ 33.6110, 80.5508,
-29.4768

■ 181.6390, 7.5730,
-2.3144

■ 197.8860, -0.4368,
0.1000

■ 214.4320, -8.5940,
3.1291

■ 230.9780,
-16.7512, 6.1583

■ 246.6270,
-24.4661, 7.3431

Harmonies

Analogous

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



88.7550, 58.2948, -77.8381



99.7950, 47.9221, -17.3602



102.2780, 28.9499, 47.9912

Triad

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



99.7950, 47.9221, -17.3602



93.8980, -45.3057, 64.9875



83.3900, 4.7377, -73.1330

Complementary

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



99.7950, 47.9221, -17.3602



177.2050, -47.9221, 17.3602

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.



74.6580, -18.5654, -65.4751



99.7950, 47.9221, -17.3602



95.8090, -47.2338, 29.9855

Square

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



99.7950, 47.9221, -17.3602



90.6520, -15.1114, 87.1282



89.3650, -44.0569, -9.0901



89.4320, 27.8880, -78.4319

Rectangle

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



99.7950, 47.9221, -17.3602



94.3650, 17.0751, 76.8559



89.3650, -44.0569, -9.0901



80.6370, -3.2720, -70.7186

Sweetspot

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



99.7950, 47.9221, -17.3602



216.5920, 18.9351, -6.6582



160.6490, 12.0050, -70.7292



104.0670, 11.7990, -4.4438



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



99.7950, 47.9221, -17.3602



104.6130, 74.1408, -26.8476



107.3910, 44.1772, 17.1971



91.0260, 3.9312, -0.8998



27.3870, 66.8572, -24.0184



5.8650, 14.8566, -5.1436

Inverse Universe

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



116.2370, -12.4418, 70.8292



130.0570, -19.2551, 109.5750



169.6090, -44.1772, -17.1971



92.6910, -1.3267, 5.5330



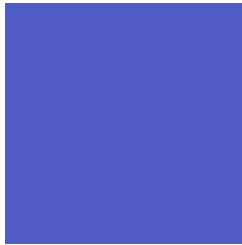
50.4470, -17.4754, 98.7090



11.1060, -3.9963, 21.8320

Previews

White Background



This preview shows how the YUV color 99.7950, 47.9221, -17.3602 looks on a white background.

Color Contrast Check

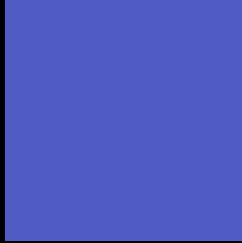
Large Text (above 18pt) WCAG AA ✓ Pass

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 99.7950, 47.9221, -17.3602 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

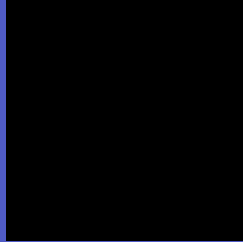
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 99.7950, 47.9221, -17.3602

Background



This preview shows how black text looks on a background with the YUV color 99.7950, 47.9221, -17.3602.



This preview shows how white text looks on a background with the YUV color 99.7950, 47.9221, -17.3602.

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

99.7950, 47.9221, -17.3602

Protanopia

88.5560, 56.9139, -54.8616

Tritanopia

92.5910, 13.5126, -40.8603

Trichromacy



Original Color

99.7950, 47.9221, -17.3602

Protanomaly

92.4330, 53.5235, -40.7217

Tritanomaly

95.2620, 25.9998, -32.6788

Monochromacy



Original Color

99.7950, 47.9221, -17.3602

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

100.1360, 17.1880, -6.2583

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.7950, 47.9221, -17.3602 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(80, 91, 197)` looks like.

```
.text, #text, p{  
    color:rgb(80, 91, 197)  
}
```

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(80, 91, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 91, 197) }
```

Border

The CSS property to change the border of an element to YUV 99.7950, 47.9221, -17.3602 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(80, 91, 197) }
```

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

```
.border{ border-color:rgb(80, 91, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 91, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 91, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 91, 197);  
box-shadow:4px 4px 4px 4px rgb(80, 91,  
197) }
```


Background

The CSS property to change the background color of an element to YUV 99.7950, 47.9221, -17.3602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 91, 197) }
```

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

```
.background{ background-color: rgb(80, 91,  
197) }
```

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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