

Converting Colors

YUV(99.9100, 53.7814, 16.7419)

Have a look what the booklet for
YUV(99.9100, 53.7814, 16.7419)
contains.

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Color

**YUV(99.9100, 53.7814,
16.7419)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 7745D1 |
| RGB | 119, 69, 209 |
| RGB Percent | 47%, 27%, 82% |
| CMY | 0.5333, 0.7294, 0.1804 |
| CMYK | 0.43, 0.67, 0.00, 0.18 |
| HSL | 261°, 60%, 55% |
| HSV | 261°, 67%, 82% |
| XYZ | 21.2445, 12.7816, 61.6690 |
| YIQ | 99.9100, -15.1400, 54.1400 |

Conversions

Conversions Part 2

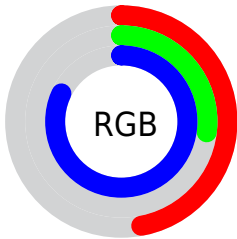
| Format | Color |
|-------------------------------------|-------------------------------|
| R _{YB} | 119, 69, 209 |
| Decimal | 7816657 |
| CIE _{Lab} | 42.43, 51.58, -64.73 |
| CIE _{LCh} | 42, 82.765, 308.548 |
| Yxy | 12.7816, 0.2220, 0.1336 |
| Android (android.graphics.Color) | 4286006737 (0xFF7745D1) |
| YUV | 99.9100, 53.7814, 16.7419 |
| Hunter-Lab | 35.7514, 43.5048, -77.2456 |

Details

The YUV color **99.9100, 53.7814, 16.7419** is a dark color, and the websafe version is hex **6633CC**. The color can be described as middle muted purple. A complement of this color would be **178.0900, -53.7814, -16.7419**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.4330, 50.5655, 21.5453**, and **44.4750, 53.5028, 12.7384** is the 20% darker color. If you saturate the color by 10%, you get **83.6960, 61.7749, 19.5606**, and if you desaturate by 10%, it is **116.1240, 45.7879, 13.9233**.

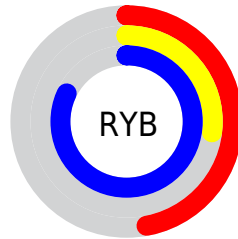
Distribution



Red (47%)

Green (27%)

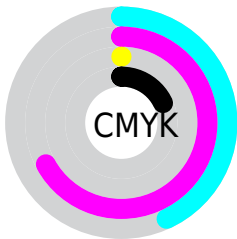
Blue (82%)



Red (47%)

Yellow (27%)

Blue (82%)

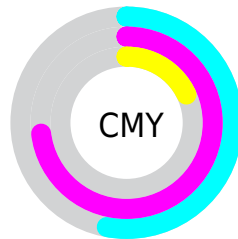


Cyan (43%)

Magenta (67%)

Yellow (0%)

Black (18%)



Cyan (53%)

Magenta (73%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.9100, 53.7814, 16.7419 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 99.9100, 53.7814, 16.7419 by changing the saturation by 10% instead.

■ 99.9100, 53.7814,
16.7419

■ 99.9100, 53.7814,
16.7419

255.0000, 0.0000,
0.0000

■ 73.3720, 53.0606,
14.5828

■ 152.4330, 50.5655,
21.5453

■ 44.4750, 53.5028,
12.7384

■ 176.9530, 38.4772,
25.4742

■ 20.7570, 52.3778,
0.2131

■ 201.7720, 26.2414,
30.0180

■ 11.5140, 44.1166,
-10.0978

■ 223.8890, 15.3377,
27.2843

■ 8.6640, 33.1966,
-7.5983

■ 240.9120, 6.9454,
12.3552

■ 8.2760, 21.5559,
-7.2581

■ 4.5940, 12.5252,

-4.0289

■ 0.0000, 0.0000,
0.0000

■ 99.9100, 53.7814,
16.7419

■ 99.9100, 53.7814,
16.7419

■ 83.6960, 61.7749,
19.5606

■ 116.1240, 45.7879,
13.9233

■ 67.1830, 69.9158,
21.7645

■ 132.6370, 37.6470,
11.7194

■ 50.9690, 77.9093,
24.5832

■ 148.8510, 29.6535,
8.9007

■ 46.2510, 80.2353,
25.2129

■ 165.3640, 21.5125,
6.6968

■ 181.5780, 13.5190,
3.8781

■ 197.5040, 5.6675,
2.1890

■ 213.7180, -2.3260,
-0.6297

■ 229.9320,
-10.3195, -3.4484

■ 245.2710,
-17.8816, -4.6227

Harmonies

Analogous

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



88.1800, 73.8613, -77.3339



99.9100, 53.7814, 16.7419



74.7360, 38.0912, 102.8405

Triad

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



99.9100, 53.7814, 16.7419



93.3380, -46.0156, 59.3396



88.1150, 15.2263, -77.2769

Complementary

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



99.9100, 53.7814, 16.7419



178.0900, -53.7814, -16.7419

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.



77.9180, -16.2286, -68.3341



99.9100, 53.7814, 16.7419



92.4430, -45.5744, 11.0125

Square

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



99.9100, 53.7814, 16.7419



72.5490, -28.8647, 111.7745



69.2660, -34.1481, -60.7463



95.6390, 44.0550, -83.8754

Rectangle

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



99.9100, 53.7814, 16.7419



75.2870, 15.6345, 119.0203



69.2660, -34.1481, -60.7463



84.7920, 5.0325, -74.3626

Sweetspot

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



99.9100, 53.7814, 16.7419



215.1960, 19.6234, 5.9671



138.3770, 34.8171, -60.8436



103.8230, 11.9193, 3.6632



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.



99.9100, 53.7814, 16.7419



96.0830, 78.3461, 24.4832



120.5410, 43.6103, 59.1615



96.4500, 4.2152, 1.3594



37.0920, 64.5376, 20.0903



9.1590, 15.6976, 5.1226

Inverse Universe

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



121.1200, 18.6748, 77.0708



126.9300, 27.1495, 112.3174



157.4590, -43.6103, -59.1615



98.0870, 1.4361, 6.0627



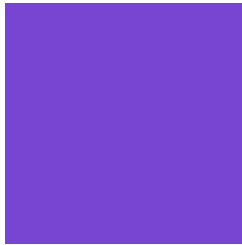
62.5440, 22.4098, 92.4849



15.2230, 5.3131, 22.6064

Previews

White Background



This preview shows how the YUV color 99.9100, 53.7814, 16.7419 looks on a white background.

Color Contrast Check

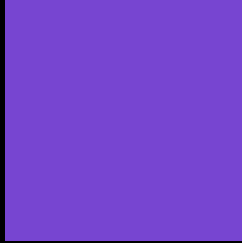
Large Text (above 18pt) WCAG AA ✓ Pass

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 99.9100, 53.7814, 16.7419 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

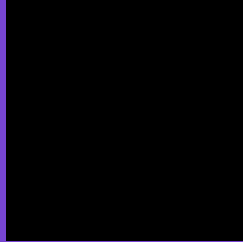
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 99.9100, 53.7814, 16.7419

Background



This preview shows how black text looks on a background with the YUV color 99.9100, 53.7814, 16.7419.



This preview shows how white text looks on a background with the YUV color 99.9100, 53.7814,

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

99.9100, 53.7814, 16.7419

Protanopia

80.1950, 61.0359, -70.3310

Deuteranopia

80.6390, 47.5060, -70.7204



Tritanopia

100.1180, 4.3788, -4.4885

Trichromacy



Original Color

99.9100, 53.7814, 16.7419



Protanomaly

87.4100, 58.4649, -38.9476



Deuteranomaly

87.8200, 49.8817, -39.3071



Tritanomaly

99.8690, 22.2496, 3.6229

Monochromacy



Original Color

99.9100, 53.7814, 16.7419



Achromatopsia

100.0000, 0.0000, 0.0000



Achromatomaly

100.1960, 19.6234, 5.9671

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.9100, 53.7814, 16.7419 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, 69, 209)` looks like.

```
.text, #text, p{  
    color:rgb(119, 69, 209)  
}
```

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, 69, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 69, 209) }
```

Border

The CSS property to change the border of an element to YUV 99.9100, 53.7814, 16.7419 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, 69, 209) }
```


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

```
.border{ border-color:rgb(119, 69, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 69, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 69, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 69, 209);  
box-shadow:4px 4px 4px 4px rgb(119, 69,  
209) }
```

Background

The CSS property to change the background color of an element to YUV 99.9100, 53.7814, 16.7419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 69, 209) }
```

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

```
.background{ background-color: rgb(119, 69,  
209) }
```

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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