

Converting Colors

YUV(109.2510, 19.5963,
14.6889)

Have a look what the booklet for
YUV(109.2510, 19.5963, 14.6889)
contains.

YUV(109.2510, 19.5963, 14.6889)	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(109.2510, 19.5963,
14.6889)**

Conversions

Conversions Part 1

Format	Color
Hex	7E5D95
RGB	126, 93, 149
RGB Percent	49%, 36%, 58%
CMY	0.5059, 0.6353, 0.4157
CMYK	0.15, 0.38, 0.00, 0.42
HSL	275°, 23%, 47%
HSV	275°, 38%, 58%
XYZ	17.9434, 14.4342, 30.2741
YIQ	109.2510, 1.6920, 24.4120

Conversions

Conversions Part 2

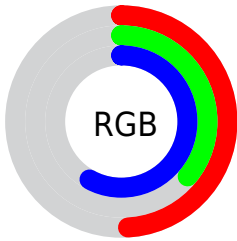
Format	Color
R _{YB}	126, 93, 149
Decimal	8281493
CIE _{Lab}	44.85, 24.55, -25.62
CIE _{LCh}	45, 35.486, 313.772
Yxy	14.4342, 0.2864, 0.2304
Android (android.graphics.Color)	4286471573 (0xFF7E5D95)
YUV	109.2510, 19.5963, 14.6889
Hunter-Lab	37.9924, 17.8166, -20.6503

Details

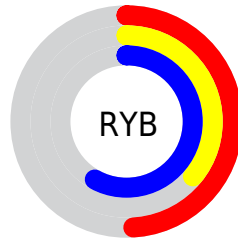
The YUV color **109.2510, 19.5963, 14.6889** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **132.7490, -19.5963, -14.6889**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.4900, 20.4644, 16.2333**, and **60.8980, 18.2913, 13.2445** is the 20% darker color. If you saturate the color by 10%, you get **98.6520, 24.8216, 18.7222**, and if you desaturate by 10%, it is **119.8500, 14.3710, 10.6556**.

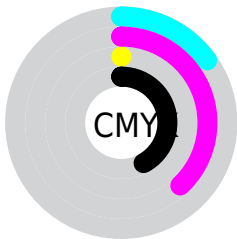
Distribution



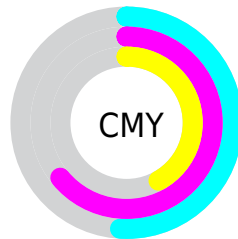
- Red (49%)
- Green (36%)
- Blue (58%)



- Red (49%)
- Yellow (36%)
- Blue (58%)



- Cyan (15%)
- Magenta (38%)
- Yellow (0%)
- Black (42%)



- Cyan (51%)
- Magenta (64%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.2510, 19.5963, 14.6889 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 109.2510, 19.5963, 14.6889 by changing the saturation by 10% instead.

■ 109.2510, 19.5963,
14.6889

■ 109.2510, 19.5963,
14.6889

■ 255.0000, 0.0000,
0.0000

■ 84.4250, 19.0175,
13.6593

■ 161.4900, 20.4644,
16.2333

■ 60.8980, 18.2913,
13.2445

■ 188.1310, 21.6274,
16.5481

■ 38.0720, 17.7125,
12.2149

■ 215.8600, 19.2960,
17.6628

■ 15.3710, 17.5651,
12.8296

■ 237.9770, 8.3923,
14.9292

■ 3.3060, 12.6671,
-2.8994

■ 0.0000, 0.0000,
0.0000

109.2510, 19.5963,
14.6889

109.2510, 19.5963,
14.6889

98.6520, 24.8216,
18.7222

119.8500, 14.3710,
10.6556

88.0530, 30.0469,
22.7555

130.4490, 9.1456,
6.6222

77.4540, 35.2722,
26.7888

141.0480, 3.9203,
2.5889

66.8550, 40.4975,
30.8222

151.6470, -1.3050,
-1.4444

55.9570, 45.8702,
34.2407

162.5450, -6.6777,
-4.8630

45.9450, 50.8061,
37.7592


172.5570,
-11.6136, -8.3815

43.2980, 52.1111,
39.2037

183.1560,
-16.8389, -12.4148

193.7550,

-22.0642, -16.4481

 204.3540,
-27.2895, -20.4815

Harmonies

Analogous

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



104.4360, 28.8721, -20.5534



109.2510, 19.5963, 14.6889



108.4900, 7.1534, 39.0353

Triad

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



109.2510, 19.5963, 14.6889



104.6620, -27.4414, 28.3604



84.5930, 16.9627, -74.1881

Complementary

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



109.2510, 19.5963, 14.6889



132.7490, -19.5963, -14.6889

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.



89.5560, -0.2741, -52.2306



109.2510, 19.5963, 14.6889



102.1170, -27.6657, 6.9134

Square

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



109.2510, 19.5963, 14.6889



105.9380, -19.1964, 43.9044



98.4820, -17.9856, -17.9627



86.4970, 29.3350, -75.8579

Rectangle

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



109.2510, 19.5963, 14.6889



107.4280, -2.1830, 46.9826



98.4820, -17.9856, -17.9627



83.4530, 12.5947, -73.1883

Sweetspot

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



109.2510, 19.5963, 14.6889



178.3950, 7.6933, 5.7926



112.8850, 17.8047, -17.4391



87.8740, 4.4991, 3.6185



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



109.2510, 19.5963, 14.6889



132.1670, 30.4837, 22.6555



115.5580, 14.0219, 29.3286



68.9940, 2.4680, 1.7593



39.9510, 48.3382, 36.0000



2.9340, 3.4835, 2.6889

Inverse Universe

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



112.3660, 1.7916, 32.1280



137.0030, 2.4635, 49.9864



126.4420, -14.0219, -29.3286



69.4350, 0.2785, 4.0035



47.7600, 4.5553, 79.1405



3.4460, 0.2731, 5.7479

Previews

White Background



This preview shows how the YUV color 109.2510, 19.5963, 14.6889 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 109.2510, 19.5963, 14.6889 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

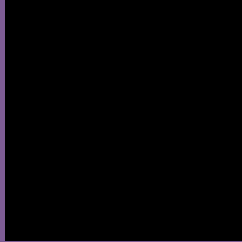
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 109.2510, 19.5963, 14.6889

Background



This preview shows how black text looks on a background with the YUV color 109.2510, 19.5963, 14.6889.



This preview shows how white text looks on a background with the YUV color 109.2510, 19.5963,

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

109.2510, 19.5963, 14.6889

Protanopia

105.9590, 25.6562, -15.7500

Deuteranopia

106.2000, 20.1144, -11.5764



Tritanopia

107.5930, 0.6937, 10.8809

Trichromacy



Original Color

109.2510, 19.5963, 14.6889

Protanomaly

107.4550, 23.4397, -4.7840

Deuteranomaly

107.5540, 19.9399, -2.2399

Tritanomaly

108.1400, 7.8190, 12.1552

Monochromacy



Original Color

109.2510, 19.5963, 14.6889

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

108.9820, 7.4039, 5.2778

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.2510, 19.5963, 14.6889 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(126, 93, 149)` looks like.

```
.text, #text, p{  
    color:rgb(126, 93, 149)  
}
```

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(126, 93, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 93, 149) }
```

Border

The CSS property to change the border of an element to YUV 109.2510, 19.5963, 14.6889 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(126, 93, 149) }
```


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

```
.border{ border-color:rgb(126, 93, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 93, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(126, 93, 149); -webkit-box-shadow:4px 4px 4px 4px rgb(126, 93, 149); box-shadow:4px 4px 4px 4px rgb(126, 93, 149) }
```

Background

The CSS property to change the background color of an element to YUV 109.2510, 19.5963, 14.6889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 93, 149) }
```

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

```
.background{ background-color: rgb(126, 93,  
149) }
```

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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