

Converting Colors

YUV(32.8610, 54.7915, 19.4159)

Have a look what the booklet for
YUV(32.8610, 54.7915, 19.4159)
contains.

YUV(32.8610, 54.7915, 19.4159)	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>	30

Color

**YUV(32.8610, 54.7915,
19.4159)**

Conversions

Conversions Part 1

Format	Color
Hex	370090
RGB	55, 0, 144
RGB Percent	22%, 0%, 56%
CMY	0.7843, 1.0000, 0.4353
CMYK	0.62, 1.00, 0.00, 0.44
HSL	263°, 100%, 28%
HSV	263°, 100%, 56%
XYZ	6.6096, 2.8258, 26.5826
YIQ	32.8610, -13.4440, 56.4440

Conversions

Conversions Part 2

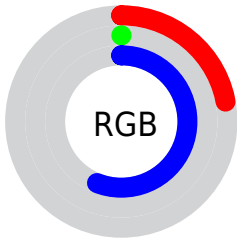
Format	Color
R _Y B	55, 0, 144
Decimal	3604624
CIE Lab	19.33, 53.32, -64.08
CIE LCh	19, 83.362, 309.761
Yxy	2.8258, 0.1835, 0.0785
Android (android.graphics.Color)	4281794704 (0xFF370090)
YUV	32.8610, 54.7915, 19.4159
Hunter-Lab	16.8102, 40.7662, -81.9902

Details

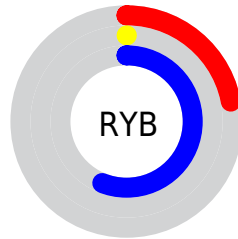
The YUV color **32.8610, 54.7915, 19.4159** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **111.1390, -54.7915, -19.4159**, and the grayscale version is **32.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **91.7040, 52.8969, 20.4306**, and **10.4880, 40.1854, -9.1980** is the 20% darker color. If you saturate the color by 10%, you get **32.8610, 54.7915, 19.4159**, and if you desaturate by 10%, it is **43.7700, 49.4134, 17.7417**.

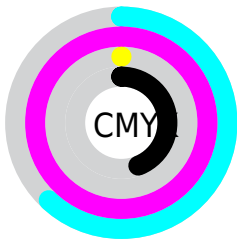
Distribution



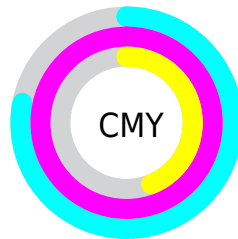
- Red (22%)
- Green (0%)
- Blue (56%)



- Red (22%)
- Yellow (0%)
- Blue (56%)



- Cyan (62%)
- Magenta (100%)
- Yellow (0%)
- Black (44%)



- Cyan (78%)
- Magenta (100%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 32.8610, 54.7915, 19.4159 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 32.8610, 54.7915, 19.4159 by changing the saturation by 10% instead.

32.8610, 54.7915,
19.4159

32.8610, 54.7915,
19.4159

251.4780, 1.7363,
3.0888

17.9370, 49.3311,
-2.5757

91.7040, 52.8969,
20.4306

10.4880, 40.1854,
-9.1980

118.0570, 54.2019,
21.8750

8.8120, 28.6867,
-7.7281

145.0680, 54.1965,
23.6194

6.7770, 18.3509,
-5.9434

169.8870, 41.9607,
28.1631

3.0950, 9.3202,
-2.7143

194.4070, 29.8723,
32.0921

0.0000, 0.0000,
0.0000

218.0190, 18.2316,

32.4323

■ 234.4550, 10.1287,
18.0180

■ 32.8610, 54.7915,
19.4159

■ 43.7700, 49.4134,
17.7417

■ 55.2660, 43.7459,
15.5527

■ 66.1750, 38.3677,
13.8785

■ 77.6710, 32.7002,
11.6895

■ 88.5800, 27.3221,
10.0153

■ 99.1900, 22.0913,
7.7264

■ 110.6860, 16.4238,
5.5374

■ 121.5950, 11.0457,
3.8632

■ 133.0910, 5.3781,
1.6742

Harmonies

Analogous

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



50.8330, 60.2283, -44.5805



32.8610, 54.7915, 19.4159



48.0480, 21.1753, 68.3639

Triad

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



32.8610, 54.7915, 19.4159



40.9980, -20.2120, 42.9748



46.2660, 9.7289, -40.5753

Complementary

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



32.8610, 54.7915, 19.4159



111.1390, -54.7915, -19.4159

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.



37.5680, -18.5210, -32.9471



32.8610, 54.7915, 19.4159



41.8970, -20.6552, -1.6637

Square

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



32.8610, 54.7915, 19.4159



37.3750, -18.4259, 76.8471



35.2200, -17.3635, -30.8879



53.6930, 35.6474, -47.0888

Rectangle

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



32.8610, 54.7915, 19.4159



47.6740, 1.6397, 80.9699



35.2200, -17.3635, -30.8879



43.8720, 0.5561, -38.4757

Sweetspot

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



32.8610, 54.7915, 19.4159



142.9620, 21.2177, 7.9263



69.8330, 36.5643, -61.2435



67.7630, 12.9348, 4.5928



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



32.8610, 54.7915, 19.4159



42.4330, 70.7785, 25.0533



53.7910, 44.4730, 62.4503



65.6950, 2.6154, 1.1445



30.9380, 51.3026, 18.4714



1.8090, 3.0522, 1.0445

Inverse Universe

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



53.2020, 17.6484, 79.6298



68.7240, 22.8141, 102.8511



90.2090, -44.4730, -62.4503



66.6630, 1.1521, 3.8035



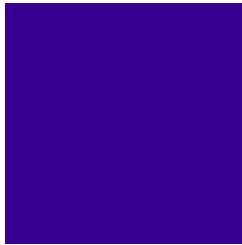
49.9410, 16.7911, 74.5967



2.9620, 1.0047, 4.4183

Previews

White Background



This preview shows how the YUV color 32.8610, 54.7915, 19.4159 looks on a white background.

Color Contrast Check

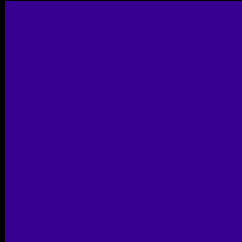
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 32.8610, 54.7915, 19.4159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

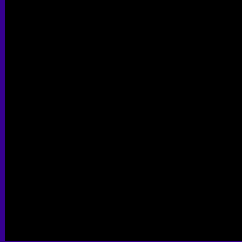
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 32.8610, 54.7915, 19.4159

Background



This preview shows how black text looks on a background with the YUV color 32.8610, 54.7915, 19.4159.



This preview shows how white text looks on a background with the YUV color 32.8610, 54.7915,

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



Protanopia

40.3910, 30.3732, -35.4229

Deuteranopia

40.4420, 22.9531, -35.4676

Tritanopia

39.7120, 10.0020, -34.8274

Trichromacy



Protanomaly

37.5150, 39.1861, -15.3607

Deuteranomaly

37.6630, 34.6761, -15.4905

Tritanomaly

37.4860, 26.3824, -15.3352

Monochromacy



Achromatopsia

33.0000, 0.0000, 0.0000

Achromatomaly

32.9080, 19.7654, 7.0967

CSS Examples

Text

The CSS property to change the color of the text to YUV 32.8610, 54.7915, 19.4159 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(55, 0, 144)` looks like.

```
.text, #text, p{  
    color:rgb(55, 0, 144)  
}
```

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(55, 0, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 0, 144) }
```

Border

The CSS property to change the border of an element to YUV 32.8610, 54.7915, 19.4159 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(55, 0, 144) }
```

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

```
.border{ border-color:rgb(55, 0, 144) }
```

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

Here you see how a box with a 4 pixel rgb(55, 0, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 0, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 0, 144);  
box-shadow:4px 4px 4px 4px rgb(55, 0, 144)  
}
```


Background

The CSS property to change the background color of an element to YUV 32.8610, 54.7915, 19.4159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 0, 144) }
```

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

```
.background{ background-color: rgb(55, 0,  
144) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor