

Converting Colors

YUV(87.1610, 32.9516, 24.4148)

Have a look what the booklet for
YUV(87.1610, 32.9516, 24.4148)
contains.

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Color

**YUV(87.1610, 32.9516,
24.4148)**

Conversions

Conversions Part 1

Format	Color
Hex	733C9A
RGB	115, 60, 154
RGB Percent	45%, 24%, 60%
CMY	0.5490, 0.7647, 0.3961
CMYK	0.25, 0.61, 0.00, 0.40
HSL	275°, 44%, 42%
HSV	275°, 61%, 60%
XYZ	14.5188, 9.2096, 31.5843
YIQ	87.1610, 2.6060, 40.8940

Conversions

Conversions Part 2

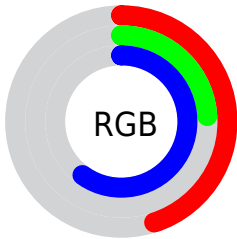
Format	Color
R_{YB}	115, 60, 154
Decimal	7552154
CIE _{Lab}	36.38, 41.48, -42.07
CIE _{LCh}	36, 59.087, 314.595
Yxy	9.2096, 0.2625, 0.1665
Android (android.graphics.Color)	4285742234 (0xFF733C9A)
YUV	87.1610, 32.9516, 24.4148
Hunter-Lab	30.3474, 32.2901, -40.4633

Details

The YUV color **87.1610, 32.9516, 24.4148** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **126.8390, -32.9516, -24.4148**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.2260, 34.3986, 26.9888**, and **35.1610, 32.9516, 24.4148** is the 20% darker color. If you saturate the color by 10%, you get **76.5620, 38.1769, 28.4481**, and if you desaturate by 10%, it is **97.7600, 27.7263, 20.3815**.

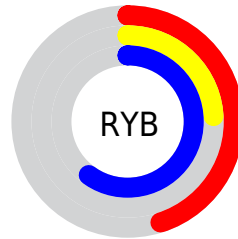
Distribution



Red (45%)

Green (24%)

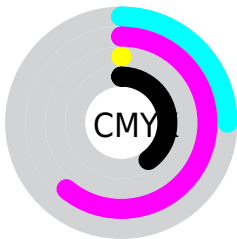
Blue (60%)



Red (45%)

Yellow (24%)

Blue (60%)

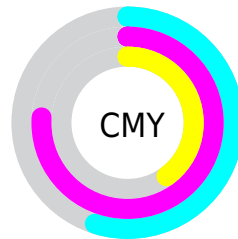


Cyan (25%)

Magenta (61%)

Yellow (0%)

Black (40%)



Cyan (55%)

Magenta (76%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.1610, 32.9516, 24.4148 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 87.1610, 32.9516, 24.4148 by changing the saturation by 10% instead.

87.1610, 32.9516,
24.4148

87.1610, 32.9516,
24.4148

255.0000, 0.0000,
0.0000

61.7480, 32.6622,
23.9000

139.2260, 34.3986,
26.9888

35.1610, 32.9516,
24.4148

166.1660, 35.4142,
27.9184

19.8410, 28.1794,
15.0484

192.3250, 30.8988,
29.5330

9.1460, 22.1130,
0.7490

217.4320, 18.5210,
32.9471

4.8220, 13.3988,
-4.2289

233.8680, 10.4181,
18.5328

0.3420, 1.3104,
-0.2999

250.8910, 2.0257,

0.0000, 0.0000,

3.6036

0.0000

■ 87.1610, 32.9516,
24.4148

■ 87.1610, 32.9516,
24.4148

■ 76.5620, 38.1769,
28.4481

■ 97.7600, 27.7263,
20.3815

■ 65.0770, 43.8390,
32.3815

■ 109.2450, 22.0642,
16.4481

■ 54.4780, 49.0643,
36.4148

■ 119.8440, 16.8389,
12.4148

■ 44.4660, 54.0003,
39.9333

■ 131.3290, 11.1768,
8.4815

■ 141.9280, 5.9515,
4.4481

■ 152.5270, 0.7262,
0.4148

■ 164.0120, -4.9359,
-3.5185

■ 174.6110,
-10.1612, -7.5518

■ 186.0960,
-15.8233, -11.4852

Harmonies

Analogous

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



69.7140, 53.8780, -61.1392



87.1610, 32.9516, 24.4148



77.0220, 17.2442, 69.2637

Triad

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



87.1610, 32.9516, 24.4148



80.8130, -39.8408, 38.7520



74.5340, 16.4987, -65.3663

Complementary

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



87.1610, 32.9516, 24.4148



126.8390, -32.9516, -24.4148

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.



67.7740, -4.3256, -59.4378



87.1610, 32.9516, 24.4148



78.5330, -38.7168, 4.7946

Square

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



87.1610, 32.9516, 24.4148



77.4480, -29.3079, 67.1361



63.4840, -31.2976, -41.6435



78.9630, 36.0072, -69.2506

Rectangle

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



87.1610, 32.9516, 24.4148



70.2060, 4.8284, 84.8883



63.4840, -31.2976, -41.6435



72.7100, 9.5100, -63.7667

Sweetspot

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



87.1610, 32.9516, 24.4148



175.3830, 12.6292, 9.3111



93.6090, 29.7728, -29.4751



86.3950, 7.6933, 5.7926



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



87.1610, 32.9516, 24.4148



96.4720, 51.5323, 38.1741



97.9100, 23.7084, 49.1909



71.1080, 2.9048, 1.6593



40.4780, 49.0643, 36.4148



3.5750, 4.6465, 3.0037

Inverse Universe

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



92.5520, 3.1789, 53.8899



104.9070, 4.9758, 84.2736



116.0900, -23.7084, -49.1909



71.7340, 0.1311, 4.6183



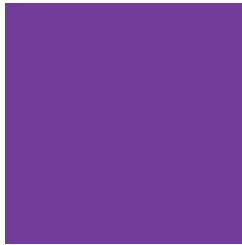
48.4720, 4.6973, 80.2701



4.4570, 0.2677, 7.4922

Previews

White Background



This preview shows how the YUV color 87.1610, 32.9516, 24.4148 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 87.1610, 32.9516, 24.4148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

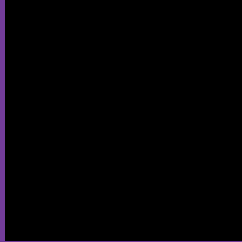
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 87.1610, 32.9516, 24.4148

Background



This preview shows how black text looks on a background with the YUV color 87.1610, 32.9516, 24.4148.



This preview shows how white text looks on a background with the YUV color 87.1610, 32.9516,

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

87.1610, 32.9516, 24.4148

Protanopia

68.7850, 52.8570, -60.3244

Deuteranopia

79.1180, 34.4518, -36.9375



Tritanopia

86.9740, -0.4802, 14.0548

Trichromacy



Original Color

87.1610, 32.9516, 24.4148

Protanomaly

75.7350, 45.4866, -29.5856

Deuteranomaly

81.8480, 34.0919, -14.7757

Tritanomaly

86.9110, 11.8759, 17.6181

Monochromacy



Original Color

87.1610, 32.9516, 24.4148

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

86.8560, 11.9030, 8.8963

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.1610, 32.9516, 24.4148 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(115, 60, 154)` looks like.

```
.text, #text, p{  
    color:rgb(115, 60, 154)  
}
```

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(115, 60, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 60, 154) }
```

Border

The CSS property to change the border of an element to YUV 87.1610, 32.9516, 24.4148 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(115, 60, 154) }
```


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

```
.border{ border-color:rgb(115, 60, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 60, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 60, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 60, 154);  
box-shadow:4px 4px 4px 4px rgb(115, 60,  
154) }
```

Background

The CSS property to change the background color of an element to YUV 87.1610, 32.9516, 24.4148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 60, 154) }
```

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

```
.background{ background-color: rgb(115, 60,  
154) }
```

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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