

Converting Colors

YUV(86.9240, 25.6735, 25.4997)

Have a look what the booklet for
YUV(86.9240, 25.6735, 25.4997)
contains.

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Color

**YUV(86.9240, 25.6735,
25.4997)**

Conversions

Conversions Part 1

Format	Color
Hex	743E8B
RGB	116, 62, 139
RGB Percent	45%, 24%, 55%
CMY	0.5451, 0.7569, 0.4549
CMYK	0.17, 0.55, 0.00, 0.45
HSL	282°, 38%, 39%
HSV	282°, 55%, 55%
XYZ	13.5853, 9.0223, 25.4516
YIQ	86.9240, 7.4670, 35.3950

Conversions

Conversions Part 2

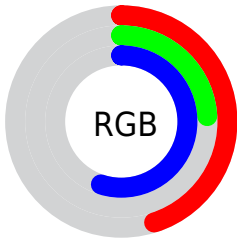
Format	Color
R_{YB}	116, 62, 139
Decimal	7618187
CIE _{Lab}	36.03, 37.17, -33.50
CIE _{LCh}	36, 50.037, 317.973
Yxy	9.0223, 0.2827, 0.1877
Android (android.graphics.Color)	4285808267 (0xFF743E8B)
YUV	86.9240, 25.6735, 25.4997
Hunter-Lab	30.0372, 28.1672, -29.2124

Details

The YUV color **86.9240, 25.6735, 25.4997** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **114.0760, -25.6735, -25.4997**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.5760, 26.8310, 27.5588**, and **36.5110, 25.3841, 24.9849** is the 20% darker color. If you saturate the color by 10%, you get **77.5100, 30.3146, 30.2477**, and if you desaturate by 10%, it is **96.3380, 21.0324, 20.7516**.

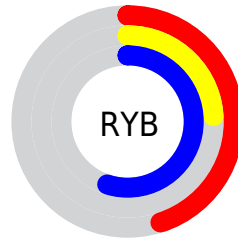
Distribution



Red (45%)

Green (24%)

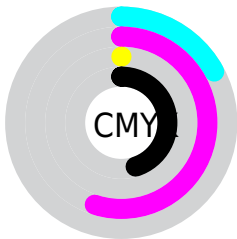
Blue (55%)



Red (45%)

Yellow (24%)

Blue (55%)

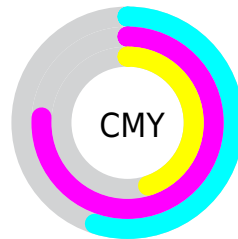


Cyan (17%)

Magenta (55%)

Yellow (0%)

Black (45%)



Cyan (55%)

Magenta (76%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.9240, 25.6735, 25.4997 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 86.9240, 25.6735, 25.4997 by changing the saturation by 10% instead.

86.9240, 25.6735,
25.4997

86.9240, 25.6735,
25.4997

255.0000, 0.0000,
0.0000

62.0980, 25.0947,
24.4701

138.5760, 26.8310,
27.5588

36.5110, 25.3841,
24.9849

165.4020, 27.4098,
28.5884

19.6690, 22.3482,
18.7073

192.9290, 28.1360,
29.0033

9.5720, 15.9870,
5.6374

218.0190, 18.2316,
32.4323

2.8670, 8.4466,
-2.5144

234.4550, 10.1287,
18.0180

0.0000, 0.0000,
0.0000

251.4780, 1.7363,

3.0888

■ 86.9240, 25.6735,
25.4997

■ 86.9240, 25.6735,
25.4997

■ 77.5100, 30.3146,
30.2477

■ 96.3380, 21.0324,
20.7516

■ 68.0960, 34.9557,
34.9958

■ 105.7520, 16.3913,
16.0035

■ 58.6820, 39.5968,
39.7439

■ 115.1660, 11.7502,
11.2554

■ 48.9690, 44.3853,
43.8772

■ 124.8790, 6.9617,
7.1221

■ 44.8490, 46.4164,
45.7364

■ 134.2930, 2.3206,
2.3740

■ 143.1200, -2.0312,
-1.8592

■ 152.5340, -6.6723,
-6.6073

■ 161.9480,
-11.3134, -11.3554

■ 171.3620,
-15.9545, -16.1035

Harmonies

Analogous

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



79.1710, 40.8347, -30.8450



86.9240, 25.6735, 25.4997



81.8220, 10.4408, 58.0381

Triad

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



86.9240, 25.6735, 25.4997



79.8830, -39.3823, 31.6746



72.7730, 17.3669, -63.8219

Complementary

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



86.9240, 25.6735, 25.4997



114.0760, -25.6735, -25.4997

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.



67.5120, -0.2524, -59.2080



86.9240, 25.6735, 25.4997



76.7500, -37.8377, 2.8502

Square

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



86.9240, 25.6735, 25.4997



80.2400, -27.2333, 55.0405



68.1500, -21.2729, -36.9655



75.7030, 33.6704, -66.3915

Rectangle

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



86.9240, 25.6735, 25.4997



78.4890, -1.2271, 67.1001



68.1500, -21.2729, -36.9655



71.2910, 11.6885, -62.5222

Sweetspot

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



86.9240, 25.6735, 25.4997



160.1120, 10.2978, 10.4258



84.2790, 26.9775, -19.5387



79.0530, 6.3829, 6.0925



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



86.9240, 25.6735, 25.4997



100.3830, 39.7442, 39.1291



92.0910, 15.7311, 41.1392



64.2930, 2.3206, 2.3740



42.9690, 44.3853, 43.8772



1.7660, 1.5944, 1.9592

Inverse Universe

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



87.6450, -1.3040, 45.0383



101.5710, -2.2535, 69.6592



108.9090, -15.7311, -41.1392



64.3210, -0.1583, 4.1035



44.3270, -2.1332, 77.7662



1.7230, 0.1366, 2.8739

Previews

White Background



This preview shows how the YUV color 86.9240, 25.6735, 25.4997 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 86.9240, 25.6735, 25.4997 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 86.9240, 25.6735, 25.4997

Background



This preview shows how black text looks on a background with the YUV color 86.9240, 25.6735, 25.4997.



This preview shows how white text looks on a background with the YUV color 86.9240, 25.6735,

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

86.9240, 25.6735, 25.4997

Protanopia

80.3020, 38.7981, -30.9599

Deuteranopia

82.6270, 25.8199, -21.5979



Tritanopia

86.9530, -1.9488, 18.4582

Trichromacy



Original Color

86.9240, 25.6735, 25.4997

Protanomaly

82.5820, 34.2231, -10.1574

Deuteranomaly

84.3240, 25.4763, -4.6691

Tritanomaly

87.1950, 7.7919, 20.8770

Monochromacy



Original Color

86.9240, 25.6735, 25.4997

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

87.1720, 9.2822, 9.4962

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.9240, 25.6735, 25.4997 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(116, 62, 139)` looks like.

```
.text, #text, p{  
    color:rgb(116, 62, 139)  
}
```

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(116, 62, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 62, 139) }
```

Border

The CSS property to change the border of an element to YUV 86.9240, 25.6735, 25.4997 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(116, 62, 139) }
```


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

```
.border{ border-color:rgb(116, 62, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 62, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 62, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 62, 139);  
box-shadow:4px 4px 4px 4px rgb(116, 62,  
139) }
```

Background

The CSS property to change the background color of an element to YUV 86.9240, 25.6735, 25.4997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 62, 139) }
```

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

```
.background{ background-color: rgb(116, 62,  
139) }
```

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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