

Converting Colors

YUV(108.0600, 63.0744,
22.7494)

Have a look what the booklet for
YUV(108.0600, 63.0744, 22.7494)
contains.

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Color

**YUV(108.0600, 63.0744,
22.7494)**

Conversions

Conversions Part 1

Format	Color
Hex	8646EC
RGB	134, 70, 236
RGB Percent	53%, 27%, 93%
CMY	0.4745, 0.7255, 0.0745
CMYK	0.43, 0.70, 0.00, 0.07
HSL	263°, 81%, 60%
HSV	263°, 70%, 93%
XYZ	27.1620, 15.5048, 80.9180
YIQ	108.0600, -15.1420, 65.1940

Conversions

Conversions Part 2

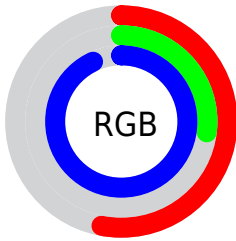
Format	Color
R_{YB}	134, 70, 236
Decimal	8799980
CIE _{Lab}	46.32, 60.73, -73.71
CIE _{LCh}	46, 95.507, 309.483
Yxy	15.5048, 0.2198, 0.1255
Android (android.graphics.Color)	4286990060 (0xFF8646EC)
YUV	108.0600, 63.0744, 22.7494
Hunter-Lab	39.3761, 54.2227, -94.2778

Details

The YUV color **108.0600, 63.0744, 22.7494** 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 **197.9400, -63.0744, -22.7494**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.2770, 47.1914, 30.4521**, and **47.8040, 64.6796, 21.2199** is the 20% darker color. If you saturate the color by 10%, you get **89.4870, 72.2309, 25.8829**, and if you desaturate by 10%, it is **126.6330, 53.9179, 19.6159**.

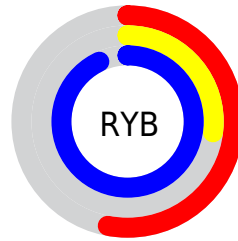
Distribution



Red (53%)

Green (27%)

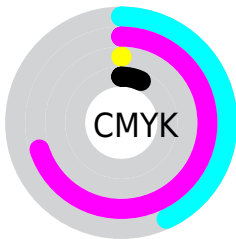
Blue (93%)



Red (53%)

Yellow (27%)

Blue (93%)

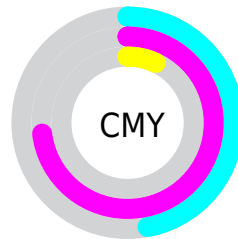


Cyan (43%)

Magenta (70%)

Yellow (0%)

Black (7%)



Cyan (47%)

Magenta (73%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 108.0600, 63.0744, 22.7494 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 108.0600, 63.0744, 22.7494 by changing the saturation by 10% instead.

108.0600, 63.0744,
22.7494

108.0600, 63.0744,
22.7494

255.0000, 0.0000,
0.0000

79.9350, 62.6430,
21.1050

159.2770, 47.1914,
30.4521

47.8040, 64.6796,
21.2199

184.0960, 34.9557,
34.9958

27.6790, 60.7973,
6.4205

209.8010, 22.2831,
39.6395

14.2500, 54.5998,
-12.4972

226.2370, 14.1802,
25.2252

11.2860, 43.2430,
-9.8978

243.2600, 5.7878,
10.2960

12.4310, 29.8605,
-10.9020

8.0480, 20.6823,

-7.0581

■ 4.3660, 11.6516,
-3.8290

■ 0.0000, 0.0000,
0.0000

■ 108.0600, 63.0744,
22.7494

■ 108.0600, 63.0744,
22.7494

■ 89.4870, 72.2309,
25.8829

■ 126.6330, 53.9179,
19.6159

■ 71.8000, 80.9506,
29.1164

■ 144.3200, 45.1982,
16.3824

■ 54.1130, 89.6703,
32.3499

■ 162.8930, 36.0418,
13.2488

■ 180.5800, 27.3221,
10.0153

■ 199.1530, 18.1656,
6.8818

■ 217.4270, 9.1565,
3.1335

■ 235.4130, 0.2894,
0.5148

■ 251.3390, -7.5621,
-1.1743

■ 252.8340, -8.2992,
1.8996

Harmonies

Analogous

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



95.9880, 78.3929, -84.1815



108.0600, 63.0744, 22.7494



84.3340, 41.2473, 117.2251

Triad

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



108.0600, 63.0744, 22.7494



102.2310, -50.3999, 65.5724



97.4560, 18.0162, -85.4689

Complementary

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



108.0600, 63.0744, 22.7494



197.9400, -63.0744, -22.7494

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.



85.8910, -18.6803, -75.3264



108.0600, 63.0744, 22.7494



100.6940, -49.6421, 9.0384

Square

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



108.0600, 63.0744, 22.7494



66.9760, -33.0192, 137.7100



76.3100, -37.6208, -66.9239



106.3480, 52.0864, -93.2672

Rectangle

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



108.0600, 63.0744, 22.7494



84.5710, 15.0015, 135.4342



76.3100, -37.6208, -66.9239



93.6770, 6.0752, -82.1547

Sweetspot

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



108.0600, 63.0744, 22.7494



213.4350, 20.4915, 7.5115



148.7980, 42.9906, -69.1058



103.2360, 12.2087, 4.1780



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.



108.0600, 63.0744, 22.7494



89.9140, 81.3874, 29.0164



132.8770, 50.8396, 73.7759



108.4500, 4.2152, 1.3594



41.5640, 68.7419, 24.9384



12.4350, 20.4915, 7.5115

Inverse Universe

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



131.2620, 20.0838, 91.8552



119.9200, 25.6754, 118.4652



173.1230, -50.8396, -73.7759



110.0870, 1.4361, 6.0627



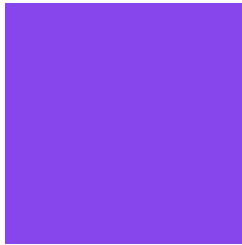
66.7730, 21.8039, 100.1771



19.9080, 6.4544, 29.8987

Previews

White Background



This preview shows how the YUV color 108.0600, 63.0744, 22.7494 looks on a white background.

Color Contrast Check

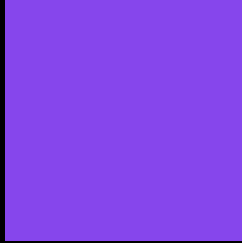
Large Text (above 18pt) WCAG AA ✓ Pass

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 108.0600, 63.0744, 22.7494 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 108.0600, 63.0744, 22.7494 Background



This preview shows how black text looks on a background with the YUV color 108.0600, 63.0744, 22.7494.



This preview shows how white text looks on a background with the YUV color 108.0600, 63.0744, 22.7494.

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

108.0600, 63.0744, 22.7494

Protanopia

87.6440, 66.7305, -76.8638

Deuteranopia

87.7460, 51.8902, -76.9532



Tritanopia

109.1290, 4.3734, -2.7441

Trichromacy



Original Color

108.0600, 63.0744, 22.7494



Protanomaly

95.2340, 65.4536, -40.5472



Deuteranomaly

95.4160, 55.9969, -40.7068



Tritanomaly

108.8030, 25.7331, 6.3118

Monochromacy



Original Color

108.0600, 63.0744, 22.7494



Achromatopsia

108.0000, 0.0000, 0.0000



Achromatomaly

107.8310, 23.2543, 8.0412

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.0600, 63.0744, 22.7494 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(134, 70, 236)` looks like.

```
.text, #text, p{  
    color:rgb(134, 70, 236)  
}
```

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(134, 70, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 70, 236) }
```

Border

The CSS property to change the border of an element to YUV 108.0600, 63.0744, 22.7494 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(134, 70, 236) }
```


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

```
.border{ border-color:rgb(134, 70, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 70, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(134, 70, 236); -webkit-box-shadow:4px 4px 4px 4px rgb(134, 70, 236); box-shadow:4px 4px 4px 4px rgb(134, 70, 236) }
```

Background

The CSS property to change the background color of an element to YUV 108.0600, 63.0744, 22.7494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 70, 236) }
```

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

```
.background{ background-color: rgb(134, 70,  
236) }
```

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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