

Converting Colors

YUV(67.2130, 24.0520, 32.2622)

Have a look what the booklet for
YUV(67.2130, 24.0520, 32.2622)
contains.

| | |
|--|----|
| YUV(67.2130, 24.0520, 32.2622) | 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(67.2130, 24.0520,
32.2622)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 682774 |
| RGB | 104, 39, 116 |
| RGB Percent | 41%, 15%, 45% |
| CMY | 0.5922, 0.8471, 0.5451 |
| CMYK | 0.10, 0.66, 0.00, 0.55 |
| HSL | 291°, 50%, 30% |
| HSV | 291°, 66%, 45% |
| XYZ | 9.5868, 5.6550, 17.1092 |
| YIQ | 67.2130, 14.0230, 37.7270 |

Conversions

Conversions Part 2

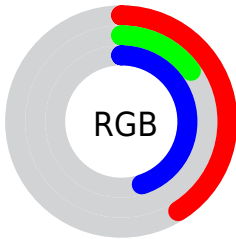
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 104, 39, 116 |
| Decimal | 6825844 |
| CIELab | 28.52, 40.83, -31.16 |
| CIElCh | 29, 51.359, 322.651 |
| Yxy | 5.6550, 0.2963, 0.1748 |
| Android (android.graphics.Color) | 4285015924 (0xFF682774) |
| YUV | 67.2130, 24.0520, 32.2622 |
| Hunter-Lab | 23.7803, 30.3450, -26.0111 |

Details

The YUV color **67.2130, 24.0520, 32.2622** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **87.7870, -24.0520, -32.2622**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.3380, 24.4834, 33.9066**, and **23.4850, 21.4529, 25.8847** is the 20% darker color. If you saturate the color by 10%, you get **59.5710, 27.8195, 37.2102**, and if you desaturate by 10%, it is **74.8550, 20.2845, 27.3142**.

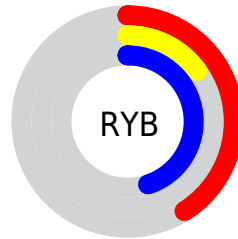
Distribution



Red (41%)

Green (15%)

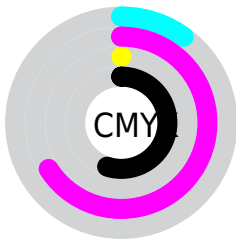
Blue (45%)



Red (41%)

Yellow (15%)

Blue (45%)

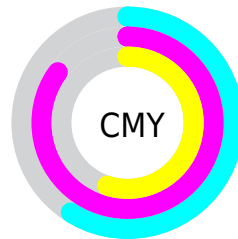


Cyan (10%)

Magenta (66%)

Yellow (0%)

Black (55%)



Cyan (59%)

Magenta (85%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.2130, 24.0520, 32.2622 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 67.2130, 24.0520, 32.2622 by changing the saturation by 10% instead.

67.2130, 24.0520,
32.2622

67.2130, 24.0520,
32.2622

255.0000, 0.0000,
0.0000

40.1530, 25.0676,
33.1918

118.3380, 24.4834,
33.9066

23.4850, 21.4529,
25.8847

145.1640, 25.0621,
34.9362

14.9970, 14.7915,
15.7886

171.9900, 25.6409,
35.9658

3.2090, 9.7570,
-2.8143

199.8160, 26.2197,
36.9954

0.0000, 0.0000,
0.0000

220.3670, 17.0741,
30.3731

236.8030, 8.9711,

15.9588

253.8260, 0.5788,
1.0296

■ 67.2130, 24.0520,
32.2622

■ 67.2130, 24.0520,
32.2622

■ 59.5710, 27.8195,
37.2102

■ 74.8550, 20.2845,
27.3142

■ 52.5160, 31.2976,
41.6435

■ 81.9100, 16.8064,
22.8809

■ 45.1730, 34.9177,
47.2063

■ 89.2530, 13.1863,
17.3181

■ 42.5260, 36.2227,
48.6507

■ 96.3080, 9.7082,
12.8849

■ 103.9500, 5.9406,
7.9368

■ 111.5920, 2.1731,
2.9888

■ 118.6470, -1.3050,
-1.4444

■ 125.9900, -4.9251,
-7.0072

■ 133.0450, -8.4032,
-11.4405

Harmonies

Analogous

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



62.3460, 38.7764, -23.9824



67.2130, 24.0520, 32.2622



55.2190, 11.7240, 66.4599

Triad

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



67.2130, 24.0520, 32.2622



63.6030, -31.3563, 24.0272



60.3660, 18.0606, -52.9410

Complementary

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



67.2130, 24.0520, 32.2622



87.7870, -24.0520, -32.2622

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.



55.1050, 0.4412, -48.3271



67.2130, 24.0520, 32.2622



59.8830, -29.5223, -4.2824

Square

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



67.2130, 24.0520, 32.2622



60.8220, -29.9852, 51.0221



48.3280, -17.9097, -42.3837



62.9540, 33.0537, -55.2107

Rectangle

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



67.2130, 24.0520, 32.2622



52.7500, -0.3697, 72.1333



48.3280, -17.9097, -42.3837



58.8840, 12.3822, -51.6413

Sweetspot

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



67.2130, 24.0520, 32.2622



131.1940, 9.2714, 12.9849



55.4090, 29.8714, -14.3907



64.9500, 5.9406, 7.9368



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



67.2130, 24.0520, 32.2622



74.1780, 37.3802, 50.7099



67.8370, 10.9264, 42.2390



55.1790, 1.8838, 2.4740



44.7050, 38.1064, 51.1247



91.5890, 78.0966, 104.7234

Inverse Universe

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



63.3910, -6.1088, 46.1381



68.0460, -9.3897, 71.8737



87.1630, -10.9264, -42.2390



54.9080, -0.4476, 3.5887



38.6440, -9.6845, 73.1032



79.1960, -19.8166, 149.7951

Previews

White Background



This preview shows how the YUV color 67.2130, 24.0520, 32.2622 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 67.2130, 24.0520, 32.2622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

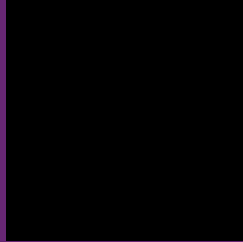
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 67.2130, 24.0520, 32.2622

Background



This preview shows how black text looks on a background with the YUV color 67.2130, 24.0520, 32.2622.



This preview shows how white text looks on a background with the YUV color 67.2130, 24.0520,

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

67.2130, 24.0520, 32.2622

Protanopia

54.7020, 42.0519, -47.9737

Deuteranopia

65.1280, 22.6149, -20.2833



Tritanopia

68.8290, -3.8597, 24.7060

Trichromacy



Original Color

67.2130, 24.0520, 32.2622

Protanomaly

59.1680, 35.4132, -18.5643

Deuteranomaly

65.7760, 23.2814, -0.6806

Tritanomaly

68.4840, 6.1704, 27.6395

Monochromacy



Original Color

67.2130, 24.0520, 32.2622

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

67.0690, 8.8400, 11.3405

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.2130, 24.0520, 32.2622 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(104, 39, 116)` looks like.

```
.text, #text, p{  
    color:rgb(104, 39, 116)  
}
```

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(104, 39, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 39, 116) }
```

Border

The CSS property to change the border of an element to YUV 67.2130, 24.0520, 32.2622 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(104, 39, 116) }
```


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

```
.border{ border-color:rgb(104, 39, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 39, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 39, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 39, 116);  
box-shadow:4px 4px 4px 4px rgb(104, 39,  
116) }
```

Background

The CSS property to change the background color of an element to YUV 67.2130, 24.0520, 32.2622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 39, 116) }
```

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

```
.background{ background-color: rgb(104, 39,  
116) }
```

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