

Converting Colors

YUV(84.0120, 15.2771, -0.0105)

Have a look what the booklet for
YUV(84.0120, 15.2771, -0.0105)
contains.

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Color

**YUV(84.0120, 15.2771,
-0.0105)**

Conversions

Conversions Part 1

Format	Color
Hex	544E73
RGB	84, 78, 115
RGB Percent	33%, 31%, 45%
CMY	0.6706, 0.6941, 0.5490
CMYK	0.27, 0.32, 0.00, 0.55
HSL	250°, 19%, 38%
HSV	250°, 32%, 45%
XYZ	9.4751, 8.5714, 17.3747
YIQ	84.0120, -8.3010, 12.7790

Conversions

Conversions Part 2

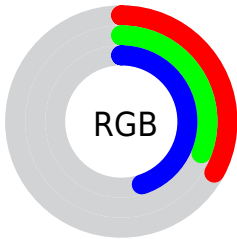
Format	Color
R_{YB}	84, 78, 115
Decimal	5525107
CIE _{Lab}	35.15, 11.38, -20.30
CIE _{LCh}	35, 23.271, 299.283
Yxy	8.5714, 0.2675, 0.2420
Android (android.graphics.Color)	4283715187 (0xFF544E73)
YUV	84.0120, 15.2771, -0.0105
Hunter-Lab	29.2770, 6.5342, -14.6924




Details

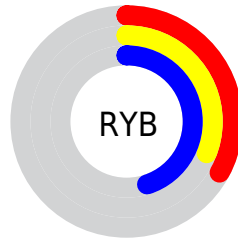
The YUV color $[84.0120, 15.2771, -0.0105]$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $[108.9880, -15.2771, 0.0105]$, and the grayscale version is $[84.0000, 0.0000, 0.0000]$.




A 20% lighter version of the original color is $[133.6530, 16.4401, 0.3043]$, and $[38.6590, 13.9721, -1.4549]$ is the 20% darker color. If you saturate the color by 10%, you get $[74.5650, 19.9345, -0.4955]$, and if you desaturate by 10%, it is $[94.0460, 10.3303, -0.0403]$.

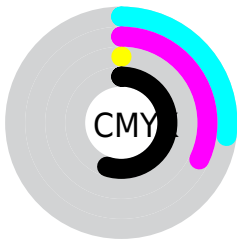
Distribution







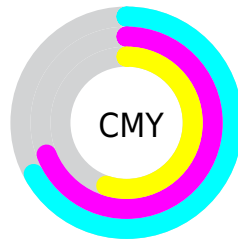
-  Red (33%)
-  Green (31%)
-  Blue (45%)






-  Red (33%)
-  Yellow (31%)
-  Blue (45%)



-  Cyan (27%)
-  Magenta (32%)
-  Yellow (0%)
-  Black (55%)



-  Cyan (67%)
-  Magenta (69%)
-  Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.0120, 15.2771, -0.0105 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 84.0120, 15.2771, -0.0105 by changing the saturation by 10% instead.

■ 84.0120, 15.2771,
-0.0105

■ 84.0120, 15.2771,
-0.0105

■ 255.0000, 0.0000,
0.0000

■ 60.4850, 14.5509,
-0.4253

■ 133.6530, 16.4401,
0.3043

■ 38.6590, 13.9721,
-1.4549

■ 160.0660, 16.7295,
0.8191

■ 16.8440, 13.3879,
-0.7402

■ 187.1800, 17.1663,
0.7191

■ 3.2090, 9.7570,
-2.8143

■ 214.7070, 17.8924,
1.1340

■ 0.0000, 0.0000,
0.0000

■ 240.2700, 7.2619,
4.1482

■ 84.0120, 15.2771,
-0.0105

■ 84.0120, 15.2771,
-0.0105

■ 74.5650, 19.9345,
-0.4955

■ 94.0460, 10.3303,
-0.0403

■ 64.8300, 24.7338,
0.1491

■ 103.1940, 5.8204,
-0.1701

■ 55.3830, 29.3912,
-0.3359

■ 113.2280, 0.8736,
-0.2000

■ 45.3490, 34.3379,
-0.3061

■ 122.6750, -3.7838,
0.2850

■ 36.2010, 38.8479,
-0.1763

■ 132.4100, -8.5831,
-0.3596

■ 26.1670, 43.7947,
-0.1465


■ 141.8570,
-13.2405, 0.1254

■ 18.7910, 47.4310,
0.1833

■ 151.5920,
-18.0399, -0.5192

■ 161.0390,

-22.6972, -0.0342

 171.0730,
-27.6440, -0.0640

Harmonies

Analogous

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



79.7210, 19.8575, -22.5573



84.0120, 15.2771, -0.0105



85.5860, 8.0921, 17.9031

Triad

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



84.0120, 15.2771, -0.0105



82.7290, -15.6424, 23.9167



71.4250, 5.2135, -38.9607

Complementary

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



84.0120, 15.2771, -0.0105



108.9880, -15.2771, 0.0105

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.



76.7450, -6.7763, -19.9474



84.0120, 15.2771, -0.0105



81.0820, -17.7884, 12.2061

Square

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



84.0120, 15.2771, -0.0105



83.7820, -9.2595, 30.0092



79.4930, -14.5400, -3.0634



65.4040, 17.0558, -57.3593

Rectangle

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



84.0120, 15.2771, -0.0105



84.8490, 2.5394, 25.5654



79.4930, -14.5400, -3.0634



73.6170, 0.6818, -32.1131

Sweetspot

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



84.0120, 15.2771, -0.0105



137.6070, 6.1097, 0.3447



100.4150, 7.1904, -19.6580



68.7380, 4.0732, 0.2298



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.



84.0120, 15.2771, -0.0105



101.3030, 24.0076, -0.2657



89.3940, 12.6238, 11.0555



53.9830, 2.4734, 0.0149



19.8880, 50.3412, 0.0982



40.7590, 103.1558, 0.2114

Inverse Universe

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



92.5970, 8.0867, 19.6474



114.9280, 12.8535, 30.7581



103.6060, -12.6238, -11.0555



55.3640, 1.2995, 3.1888



48.2200, 27.0065, 64.7051



98.5760, 54.4390, 132.7988

Previews

White Background



This preview shows how the YUV color 84.0120, 15.2771, -0.0105 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 84.0120, 15.2771, -0.0105 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 84.0120, 15.2771, -0.0105

Background



This preview shows how black text looks on a background with the YUV color 84.0120, 15.2771, -0.0105.



This preview shows how white text looks on a background with the YUV color 84.0120, 15.2771,

-0.0105.

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

84.0120, 15.2771, -0.0105

Protanopia

82.2280, 17.6356, -9.8470

Deuteranopia

82.6580, 15.4516, -9.3471



Tritanopia

82.6020, 3.6472, -3.1590

Trichromacy



Original Color

84.0120, 15.2771, -0.0105

Protanomaly

83.0220, 16.7512, -6.1583

Deuteranomaly

83.2670, 15.1514, -6.3732

Tritanomaly

83.0520, 7.8624, -1.7996

Monochromacy



Original Color

84.0120, 15.2771, -0.0105

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

84.0800, 5.3836, -0.0702

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.0120, 15.2771, -0.0105 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(84, 78, 115)` looks like.

```
.text, #text, p{  
    color:rgb(84, 78, 115)  
}
```

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(84, 78, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 78, 115) }
```

Border

The CSS property to change the border of an element to YUV 84.0120, 15.2771, -0.0105 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(84, 78, 115) }
```


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

```
.border{ border-color:rgb(84, 78, 115) }
```

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

Here you see how a box with a 4 pixel rgb(84, 78, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 78, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 78, 115);  
box-shadow:4px 4px 4px 4px rgb(84, 78,  
115) }
```

Background

The CSS property to change the background color of an element to YUV 84.0120, 15.2771, -0.0105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 78, 115) }
```

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

```
.background{ background-color: rgb(84, 78,  
115) }
```

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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