

Converting Colors

YUV(104.4570, 13.5787,
-15.3098)

Have a look what the booklet for
YUV(104.4570, 13.5787, -15.3098)
contains.

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Color

**YUV(104.4570, 13.5787,
-15.3098)**

Conversions

Conversions Part 1

Format	Color
Hex	576C84
RGB	87, 108, 132
RGB Percent	34%, 42%, 52%
CMY	0.6588, 0.5765, 0.4824
CMYK	0.34, 0.18, 0.00, 0.48
HSL	212°, 21%, 43%
HSV	212°, 34%, 52%
XYZ	13.4579, 14.4173, 23.9033
YIQ	104.4570, -20.2200, 3.0120

Conversions

Conversions Part 2

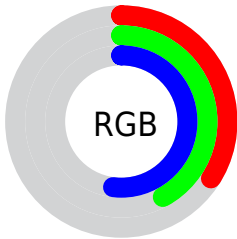
Format	Color
R_{YB}	87, 101, 132
Decimal	5729412
CIE _{Lab}	44.83, -1.57, -15.78
CIE _{LCh}	45, 15.857, 264.304
Yxy	14.4173, 0.2599, 0.2784
Android (android.graphics.Color)	4283919492 (0xFF576C84)
YUV	104.4570, 13.5787, -15.3098
Hunter-Lab	37.9701, -3.1813, -10.7457

Details

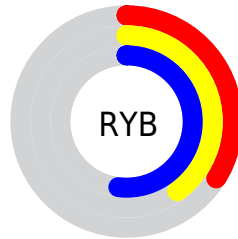
The YUV color **104.4570, 13.5787, -15.3098** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **114.5430, -13.5787, 15.3098**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.6850, 14.4523, -15.5097**, and **56.8160, 12.4157, -15.6246** is the 20% darker color. If you saturate the color by 10%, you get **96.4610, 17.5207, -19.6983**, and if you desaturate by 10%, it is **112.4530, 9.6367, -10.9213**.

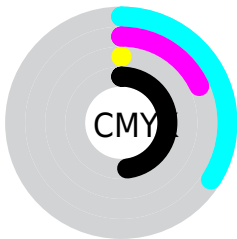
Distribution



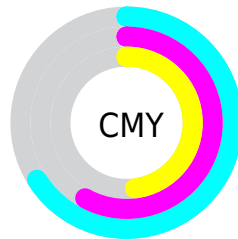
- Red (34%)
- Green (42%)
- Blue (52%)



- Red (34%)
- Yellow (40%)
- Blue (52%)



- Cyan (34%)
- Magenta (18%)
- Yellow (0%)
- Black (48%)



- Cyan (66%)
- Magenta (58%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.4570, 13.5787, -15.3098 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 104.4570, 13.5787, -15.3098 by changing the saturation by 10% instead.

■ 104.4570, 13.5787,
-15.3098

■ 104.4570, 13.5787,
-15.3098

■ 255.0000, 0.0000,
0.0000

■ 80.3430, 13.1419,
-15.2098

■ 155.6850, 14.4523,
-15.5097

■ 56.8160, 12.4157,
-15.6246

■ 182.7990, 14.8891,
-15.6097

■ 34.1040, 12.2737,
-16.7542

■ 210.5000, 15.0365,
-16.2245

■ 14.8980, 11.3893,
-13.0655

■ 236.9040, 8.9213,
-14.8248

■ 2.4110, 6.6994,
-2.1144

■ 253.2060, 0.8844,
-3.6887

■ 0.0000, 0.0000,
0.0000

■ 104.4570, 13.5787,
-15.3098

■ 104.4570, 13.5787,
-15.3098

■ 96.4610, 17.5207,
-19.6983

■ 112.4530, 9.6367,
-10.9213

■ 88.4650, 21.4628,
-24.0868

■ 120.4490, 5.6946,
-6.5328

■ 80.1700, 25.5522,
-29.0901

■ 128.7440, 1.6052,
-1.5295

■ 72.1740, 29.4942,
-33.4786

■ 136.7400, -2.3368,
2.8590

■ 64.1780, 33.4362,
-37.8671

■ 144.7360, -6.2788,
7.2475

■ 56.1820, 37.3783,
-42.2556


■ 152.7320,
-10.2209, 11.6360

■ 51.4420, 39.7151,
-45.1146

■ 160.7280,
-14.1629, 16.0245

■ 169.0230,

-18.2523, 21.0278

 177.0190,
-22.1944, 25.4163

Harmonies

Analogous

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



101.4620, 12.5902, -24.9612



104.4570, 13.5787, -15.3098



107.2630, 11.2093, -1.9847

Triad

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



104.4570, 13.5787, -15.3098



107.6500, -5.7434, 22.2320



102.6150, -6.2192, -11.9404

Complementary

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



104.4570, 13.5787, -15.3098



114.5430, -13.5787, 15.3098

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.



104.7260, -11.2039, 0.2403



104.4570, 13.5787, -15.3098



106.9610, -10.8268, 19.3282

Square

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



104.4570, 13.5787, -15.3098



108.5340, 0.2297, 19.7027



105.4500, -12.5468, 11.0064



100.7970, 1.0861, -21.7470

Rectangle

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



104.4570, 13.5787, -15.3098



108.2210, 8.2720, 6.8222



105.4500, -12.5468, 11.0064



103.1810, -7.9772, -8.0517

Sweetspot

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



104.4570, 13.5787, -15.3098



160.6340, 5.1104, -5.8180



116.1510, -2.5394, -25.5654



80.1890, 3.3578, -3.6738



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



104.4570, 13.5787, -15.3098



127.7640, 21.3153, -23.4720



92.7280, 19.3611, -3.2695



62.4450, 1.7526, -2.1443



50.6270, 39.1309, -44.3999



0.9290, 1.0210, -0.8147

Inverse Universe

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



102.8490, 2.5394, 25.5654



125.5780, 3.6590, 39.8351



126.5710, -19.5085, 3.8842



62.1360, 0.4260, 3.3887



45.8240, 7.4818, 73.8224



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 104.4570, 13.5787, -15.3098 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 104.4570, 13.5787, -15.3098 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

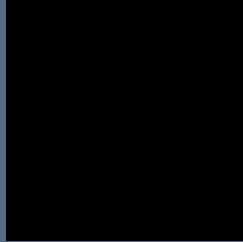
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

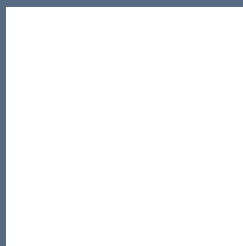
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 104.4570, 13.5787, -15.3098

Background



This preview shows how black text looks on a background with the YUV color 104.4570, 13.5787, -15.3098.



This preview shows how white text looks on a background with the YUV color 104.4570, 13.5787, -15.3098.

-15.3098.

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

104.4570, 13.5787, -15.3098

Protanopia

106.3550, 11.6570, -5.5733

Deuteranopia

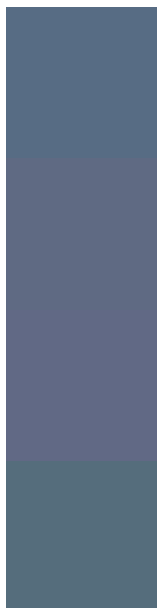
106.7080, 12.9620, -4.1289



Tritanopia

103.2520, 7.7638, -16.8840

Trichromacy



Original Color

104.4570, 13.5787, -15.3098

Protanomaly

105.5610, 12.5414, -9.2620

Deuteranomaly

105.8000, 13.4096, -7.7176

Tritanomaly

103.5340, 10.0897, -16.2543

Monochromacy



Original Color

104.4570, 13.5787, -15.3098

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

103.9330, 4.9630, -5.2032

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.4570, 13.5787, -15.3098 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(87, 108, 132)` looks like.

```
.text, #text, p{  
    color:rgb(87, 108, 132)  
}
```

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(87, 108, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 108, 132) }
```

Border

The CSS property to change the border of an element to YUV 104.4570, 13.5787, -15.3098 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(87, 108, 132) }
```


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

```
.border{ border-color:rgb(87, 108, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 108, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 108, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 108, 132);  
box-shadow:4px 4px 4px 4px rgb(87, 108,  
132) }
```

Background

The CSS property to change the background color of an element to YUV 104.4570, 13.5787, -15.3098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 108, 132) }
```

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

```
.background{ background-color: rgb(87, 108,  
132) }
```

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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