

Converting Colors

YUV(104.0160, 15.7681,
-17.5540)

Have a look what the booklet for
YUV(104.0160, 15.7681, -17.5540)
contains.

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Color

**YUV(104.0160, 15.7681,
-17.5540)**

Conversions

Conversions Part 1

Format	Color
Hex	546C88
RGB	84, 108, 136
RGB Percent	33%, 42%, 53%
CMY	0.6706, 0.5765, 0.4667
CMYK	0.38, 0.21, 0.00, 0.47
HSL	212°, 24%, 43%
HSV	212°, 38%, 53%
XYZ	13.4627, 14.3875, 25.3601
YIQ	104.0160, -23.2920, 3.6200

Conversions

Conversions Part 2

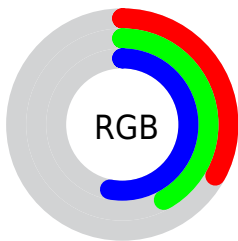
Format	Color
R_{YB}	84, 100, 136
Decimal	5532808
CIE _{Lab}	44.78, -1.36, -18.25
CIE _{LCh}	45, 18.305, 265.731
Yxy	14.3875, 0.2530, 0.2704
Android (android.graphics.Color)	4283722888 (0xFF546C88)
YUV	104.0160, 15.7681, -17.5540
Hunter-Lab	37.9309, -3.0248, -13.0889

Details

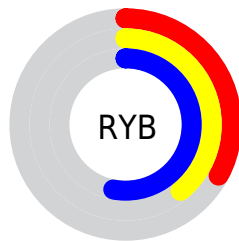
The YUV color **104.0160, 15.7681, -17.5540** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **115.9840, -15.7681, 17.5540**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.2440, 16.6417, -17.7540**, and **56.0760, 14.7525, -18.4837** is the 20% darker color. If you saturate the color by 10%, you get **95.7210, 19.8575, -22.5573**, and if you desaturate by 10%, it is **112.3110, 11.6787, -12.5507**.

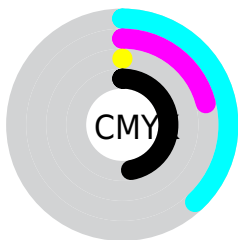
Distribution



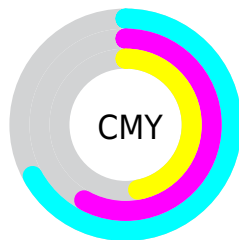
- Red (33%)
- Green (42%)
- Blue (53%)



- Red (33%)
- Yellow (39%)
- Blue (53%)



- Cyan (38%)
- Magenta (21%)
- Yellow (0%)
- Black (47%)



- Cyan (67%)
- Magenta (58%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.0160, 15.7681, -17.5540 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 104.0160, 15.7681, -17.5540 by changing the saturation by 10% instead.

■ 104.0160, 15.7681,
-17.5540

■ 104.0160, 15.7681,
-17.5540

■ 255.0000, 0.0000,
0.0000

■ 79.6030, 15.4787,
-18.0688

■ 155.2440, 16.6417,
-17.7540

■ 56.0760, 14.7525,
-18.4837

■ 182.3580, 17.0785,
-17.8540

■ 32.4670, 15.0528,
-21.4576

■ 210.4720, 17.5153,
-17.9539

■ 15.2400, 12.6997,
-13.3655

■ 236.3060, 9.2161,
-16.0544

■ 2.8670, 8.4466,
-2.5144

■ 252.6080, 1.1793,
-4.9182

■ 0.0000, 0.0000,
0.0000

■ 104.0160, 15.7681,
-17.5540

■ 104.0160, 15.7681,
-17.5540

■ 95.7210, 19.8575,
-22.5573

■ 112.3110, 11.6787,
-12.5507

■ 87.1380, 24.0890,
-26.4310

■ 120.8940, 7.4473,
-8.6770

■ 78.8430, 28.1784,
-31.4343

■ 129.1890, 3.3578,
-3.6738

■ 70.8470, 32.1204,
-35.8228

■ 137.1850, -0.5842,
0.7148

■ 61.9650, 36.4993,
-40.3113

■ 146.0670, -4.9630,
5.2032

■ 53.6700, 40.5887,
-45.3146


■ 154.3620, -9.0525,
10.2065

■ 52.4850, 41.1729,
-46.0293

■ 162.3580,
-12.9945, 14.5950

■ 171.2400,

-17.3733, 19.0835

 179.2360,
-21.3153, 23.4720

Harmonies

Analogous

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



100.4120, 15.0799, -30.1793



104.0160, 15.7681, -17.5540



107.0180, 12.8091, -1.7698

Triad

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



104.0160, 15.7681, -17.5540



107.9170, -7.3541, 25.5058



102.0770, -6.9400, -14.0995

Complementary

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



104.0160, 15.7681, -17.5540



115.9840, -15.7681, 17.5540

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.



103.6720, -12.6563, -0.5893



104.0160, 15.7681, -17.5540



106.5160, -12.5794, 21.4725

Square

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



104.0160, 15.7681, -17.5540



108.2570, 0.3663, 22.5766



105.2930, -14.4414, 12.0210



99.5900, 1.6811, -25.9504

Rectangle

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



104.0160, 15.7681, -17.5540



107.8730, 9.4296, 8.8814



105.2930, -14.4414, 12.0210



102.8280, -9.2822, -9.4962

Sweetspot

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



104.0160, 15.7681, -17.5540



164.4490, 5.6946, -6.5328



117.7160, -2.8180, -29.5689



82.1890, 3.3578, -3.6738



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



104.0160, 15.7681, -17.5540



125.9530, 24.6732, -27.1458



90.5260, 22.4187, -3.9693



64.5590, 2.1894, -2.2442



50.9690, 40.4413, -44.6998



1.7440, 1.6052, -1.5295

Inverse Universe

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



102.2840, 2.8180, 29.5689



123.4370, 4.2216, 46.0978



129.4740, -22.4187, 3.9693



64.4350, 0.2785, 4.0035



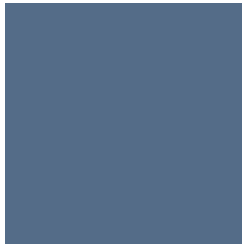
46.7210, 7.0395, 75.6667



1.7230, 0.1366, 2.8739

Previews

White Background



This preview shows how the YUV color 104.0160, 15.7681, -17.5540 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 104.0160, 15.7681, -17.5540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

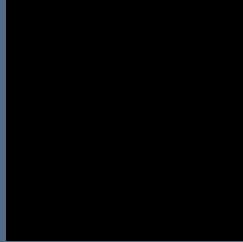
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

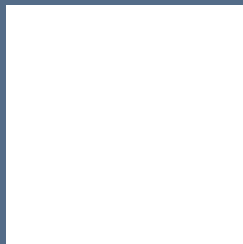
Any Text WCAG AAA × Fail

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

YUV 104.0160, 15.7681, -17.5540 Background



This preview shows how black text looks on a background with the YUV color 104.0160, 15.7681, -17.5540.



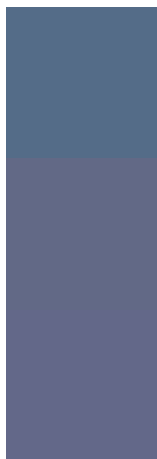
This preview shows how white text looks on a background with the YUV color 104.0160, 15.7681, -17.5540.

-17.5540.

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

104.0160, 15.7681, -17.5540

Protanopia

106.2130, 13.6990, -7.2028

Deuteranopia

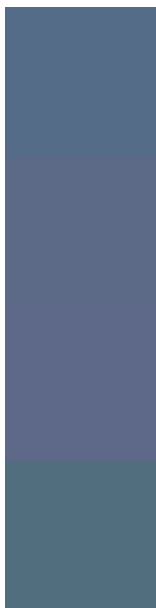
106.2670, 15.1514, -6.3732



Tritanopia

102.7570, 8.5008, -19.9579

Trichromacy



Original Color

104.0160, 15.7681, -17.5540

Protanomaly

105.4190, 14.5834, -10.8915

Deuteranomaly

105.3590, 15.5990, -9.9618

Tritanomaly

103.1530, 11.2636, -19.4282

Monochromacy



Original Color

104.0160, 15.7681, -17.5540

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

103.8620, 5.9840, -6.0180

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.0160, 15.7681, -17.5540 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, 108, 136)` looks like.

```
.text, #text, p{  
    color:rgb(84, 108, 136)  
}
```

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, 108, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 108, 136) }
```

Border

The CSS property to change the border of an element to YUV 104.0160, 15.7681, -17.5540 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, 108, 136) }
```


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

```
.border{ border-color:rgb(84, 108, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 108, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 108, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 108, 136);  
box-shadow:4px 4px 4px 4px rgb(84, 108,  
136) }
```

Background

The CSS property to change the background color of an element to YUV 104.0160, 15.7681, -17.5540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 108, 136) }
```

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

```
.background{ background-color: rgb(84, 108,  
136) }
```

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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