

Converting Colors

YUV(104.2160, 15.6695,
-32.6384)

Have a look what the booklet for
YUV(104.2160, 15.6695, -32.6384)
contains.

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Color

**YUV(104.2160, 15.6695,
-32.6384)**

Conversions

Conversions Part 1

Format	Color
Hex	437588
RGB	67, 117, 136
RGB Percent	26%, 46%, 53%
CMY	0.7373, 0.5412, 0.4667
CMYK	0.51, 0.14, 0.00, 0.47
HSL	197°, 34%, 40%
HSV	197°, 51%, 53%
XYZ	13.1200, 15.6934, 25.6302
YIQ	104.2160, -35.8990, -4.6910

Conversions

Conversions Part 2

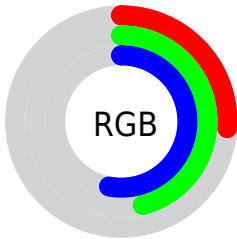
Format	Color
RYB	67, 96, 136
Decimal	4421000
CIELab	46.57, -11.29, -15.61
CIELCh	47, 19.266, 234.119
Yxy	15.6934, 0.2410, 0.2883
Android (android.graphics.Color)	4282611080 (0xFF437588)
YUV	104.2160, 15.6695, -32.6384
Hunter-Lab	39.6150, -10.2093, -10.6291

Details

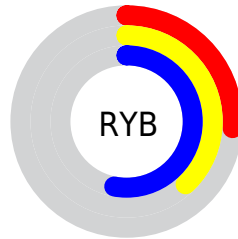
The YUV color $104.2160, 15.6695, -32.6384$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $98.7840, -15.6695, 32.6384$, and the grayscale version is $104.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $156.6290, 15.9589, -32.1236$, and $52.4000, 16.5648, -39.8158$ is the 20% darker color. If you saturate the color by 10%, you get $97.6820, 18.8908, -39.1861$, and if you desaturate by 10%, it is $110.7500, 12.4482, -26.0907$.

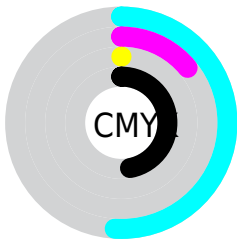
Distribution



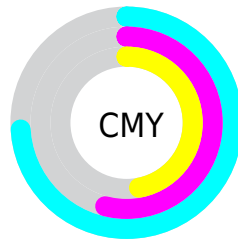
- Red (26%)
- Green (46%)
- Blue (53%)



- Red (26%)
- Yellow (38%)
- Blue (53%)



- Cyan (51%)
- Magenta (14%)
- Yellow (0%)
- Black (47%)



- Cyan (74%)
- Magenta (54%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.2160, 15.6695, -32.6384 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 104.2160, 15.6695, -32.6384 by changing the saturation by 10% instead.

■ 104.2160, 15.6695,
-32.6384

■ 104.2160, 15.6695,
-32.6384

■ 255.0000, 0.0000,
0.0000

■ 78.6180, 15.9643,
-33.8680

■ 156.6290, 15.9589,
-32.1236

■ 52.4000, 16.5648,
-39.8158

■ 183.7430, 16.3957,
-32.2236

■ 34.1840, 14.2063,
-29.9794

■ 211.5580, 16.9799,
-32.9384

■ 19.9360, 10.3846,
-17.4839

■ 237.9790, 8.3914,
-31.5536

■ 2.8670, 8.4466,
-2.5144

■ 247.8240, 3.5378,
-14.7546

■ 0.0000, 0.0000,
0.0000

■ 104.2160, 15.6695,
-32.6384

■ 104.2160, 15.6695,
-32.6384

■ 97.6820, 18.8908,
-39.1861

■ 110.7500, 12.4482,
-26.0907

■ 92.0340, 21.6752,
-45.6338

■ 116.3980, 9.6638,
-19.6430

■ 85.5000, 24.8965,
-52.1815

■ 122.9320, 6.4425,
-13.0954

■ 79.2650, 27.9704,
-58.1144

■ 129.1670, 3.3687,
-7.1625

■ 73.6170, 30.7548,
-64.5621

■ 135.7010, 0.1474,
-0.6148

■ 141.6480, -2.7845,
6.4477

■ 147.8830, -5.8583,
12.3806

■ 154.4170, -9.0796,

18.9283

■ 160.6520,
-12.1534, 24.8612

Harmonies

Analogous

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



102.4130, 10.1494, -35.4422



104.2160, 15.6695, -32.6384



108.2330, 16.6471, -19.4983

Triad

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



104.2160, 15.6695, -32.6384



112.9690, 0.5083, 23.7062



107.8570, -13.2405, 0.1254

Complementary

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



104.2160, 15.6695, -32.6384



98.7840, -15.6695, 32.6384

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.



109.6630, -15.6099, 13.4505



104.2160, 15.6695, -32.6384



112.0420, -6.9227, 27.1502

Square

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



104.2160, 15.6695, -32.6384



112.8520, 7.9610, 13.2848



111.1140, -12.8742, 22.7020



105.9630, -7.3768, -13.9996

Rectangle

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



104.2160, 15.6695, -32.6384



110.2560, 15.1568, -8.1175



111.1140, -12.8742, 22.7020



108.8360, -14.7091, 4.5288

Sweetspot

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



104.2160, 15.6695, -32.6384



164.1170, 5.8583, -12.3806



109.5550, -12.1056, -37.3207



81.8680, 3.5161, -7.7772



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.



104.2160, 15.6695, -32.6384



126.3970, 24.4543, -50.3372



84.2580, 25.5088, -15.1353



65.7330, 1.6106, -3.2738



71.5140, 30.3126, -62.7178



2.9180, 1.0264, -2.5591

Inverse Universe

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



93.3310, 11.6688, 37.4207



109.7710, 17.8609, 58.0828



118.7420, -25.5088, 15.1353



64.6630, 1.1521, 3.8035



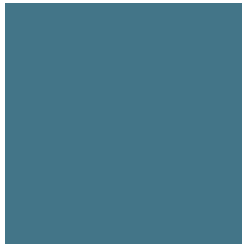
50.7110, 22.3275, 72.1675



1.9510, 1.0102, 2.6740

Previews

White Background



This preview shows how the YUV color 104.2160, 15.6695, -32.6384 looks on a white background.

Color Contrast Check

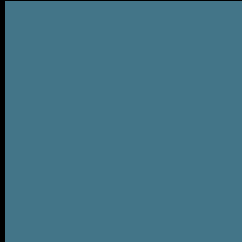
Large Text (above 18pt) WCAG AA ✓ Pass

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 104.2160, 15.6695, -32.6384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

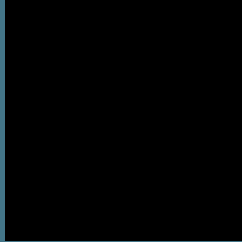
Any Text WCAG AA × Fail

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 104.2160, 15.6695, -32.6384 Background



This preview shows how black text looks on a background with the YUV color 104.2160, 15.6695, -32.6384.



This preview shows how white text looks on a background with the YUV color 104.2160, 15.6695, -32.6384.

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

104.2160, 15.6695, -32.6384

Protanopia

110.1980, 9.7624, -4.5586

Deuteranopia

110.8220, 13.3988, -4.2289



Tritanopia

102.9940, 12.3280, -34.1977

Trichromacy



Original Color

104.2160, 15.6695, -32.6384

Protanomaly

108.0010, 11.8315, -14.9099

Deuteranomaly

108.2830, 14.1575, -14.2802

Tritanomaly

103.6350, 13.4909, -33.8829

Monochromacy



Original Color

104.2160, 15.6695, -32.6384

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

104.4160, 5.7109, -11.7658

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.2160, 15.6695, -32.6384 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(67, 117, 136)` looks like.

```
.text, #text, p{  
    color:rgb(67, 117, 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(67, 117, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 117, 136) }
```

Border

The CSS property to change the border of an element to YUV 104.2160, 15.6695, -32.6384 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(67, 117, 136) }
```


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

```
.border{ border-color:rgb(67, 117, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 117, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 117, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 117, 136);  
box-shadow:4px 4px 4px 4px rgb(67, 117,  
136) }
```

Background

The CSS property to change the background color of an element to YUV 104.2160, 15.6695, -32.6384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 117, 136) }
```

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

```
.background{ background-color: rgb(67, 117,  
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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