

Converting Colors

YUV(99.4230, 18.5255,
-15.2800)

Have a look what the booklet for
YUV(99.4230, 18.5255, -15.2800)
contains.

YUV(99.4230, 18.5255, -15.2800)	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(99.4230, 18.5255,
-15.2800)**

Conversions

Conversions Part 1

Format	Color
Hex	526589
RGB	82, 101, 137
RGB Percent	32%, 40%, 54%
CMY	0.6784, 0.6039, 0.4627
CMYK	0.40, 0.26, 0.00, 0.46
HSL	219°, 25%, 43%
HSV	219°, 40%, 54%
XYZ	12.6487, 12.9073, 25.4916
YIQ	99.4230, -22.8800, 7.1680

Conversions

Conversions Part 2

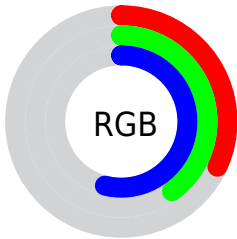
Format	Color
R _Y B	82, 96, 137
Decimal	5399945
CIE Lab	42.62, 2.59, -22.19
CIE LCh	43, 22.341, 276.649
Yxy	12.9073, 0.2478, 0.2528
Android (android.graphics.Color)	4283590025 (0xFF526589)
YUV	99.4230, 18.5255, -15.2800
Hunter-Lab	35.9268, -0.0275, -16.9201

Details

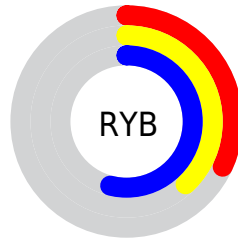
The YUV color **99.4230, 18.5255, -15.2800** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **119.5770, -18.5255, 15.2800**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.7650, 19.8359, -15.5799**, and **52.0700, 17.2205, -16.7244** is the 20% darker color. If you saturate the color by 10%, you get **89.9540, 23.1937, -19.2537**, and if you desaturate by 10%, it is **108.8920, 13.8572, -11.3063**.

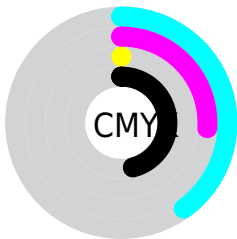
Distribution



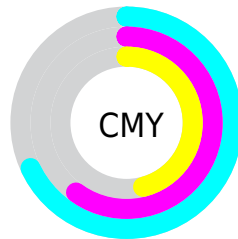
- Red (32%)
- Green (40%)
- Blue (54%)



- Red (32%)
- Yellow (38%)
- Blue (54%)



- Cyan (40%)
- Magenta (26%)
- Yellow (0%)
- Black (46%)



- Cyan (68%)
- Magenta (60%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.4230, 18.5255, -15.2800 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 99.4230, 18.5255, -15.2800 by changing the saturation by 10% instead.

■ 99.4230, 18.5255,
-15.2800

■ 99.4230, 18.5255,
-15.2800

■ 255.0000, 0.0000,
0.0000

■ 74.8960, 17.7993,
-15.6948

■ 150.7650, 19.8359,
-15.5799

■ 52.0700, 17.2205,
-16.7244

■ 177.1780, 20.1252,
-15.0651

■ 27.7490, 17.3787,
-20.8279

■ 205.2920, 20.5620,
-15.1651

■ 10.5440, 15.0148,
-9.2471

■ 231.0120, 11.8261,
-13.1655

■ 2.8670, 8.4466,
-2.5144

■ 252.0100, 1.4741,
-6.1478

■ 0.0000, 0.0000,
0.0000

■ 99.4230, 18.5255,
-15.2800

■ 99.4230, 18.5255,
-15.2800

■ 89.9540, 23.1937,
-19.2537

■ 108.8920, 13.8572,
-11.3063

■ 80.7840, 27.7145,
-22.6126

■ 118.0620, 9.3364,
-7.9474

■ 71.3150, 32.3827,
-26.5863

■ 127.5310, 4.6682,
-3.9737

■ 61.8460, 37.0509,
-30.5599

■ 137.0000, 0.0000,
0.0000

■ 52.6760, 41.5717,
-33.9189

■ 146.4690, -4.6682,
3.9737


■ 43.2070, 46.2399,
-37.8925

■ 155.6390, -9.1890,
7.3326

■ 165.1080,
-13.8572, 11.3063

■ 174.5770,

-18.5255, 15.2800

 183.7470,
-23.0463, 18.6389

Harmonies

Analogous

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



93.6440, 19.8955, -34.7678



99.4230, 18.5255, -15.2800



102.2900, 13.6610, 5.0077

Triad

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



99.4230, 18.5255, -15.2800



101.7280, -10.7119, 29.1795



93.7060, -4.2921, -23.4212

Complementary

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



99.4230, 18.5255, -15.2800



119.5770, -18.5255, 15.2800

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.



96.9270, -12.7820, -6.9520



99.4230, 18.5255, -15.2800



101.0770, -16.8000, 21.8575

Square

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



99.4230, 18.5255, -15.2800



103.0900, -3.0024, 29.7391



99.1740, -17.3408, 8.6174



90.7670, 6.5239, -39.2607

Rectangle

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



99.4230, 18.5255, -15.2800



103.1020, 8.8237, 16.5735



99.1740, -17.3408, 8.6174



95.5280, -7.6553, -18.0031

Sweetspot

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



99.4230, 18.5255, -15.2800



163.6170, 7.5838, -5.8031



118.3890, -0.1918, -31.9132



80.7160, 4.0840, -3.2589



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.



99.4230, 18.5255, -15.2800



119.8270, 29.1723, -23.5273



90.6620, 22.8446, -0.5806



63.9720, 2.4788, -1.7294



42.1640, 44.7821, -36.9778



1.7440, 1.6052, -1.5295

Inverse Universe

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



100.6110, 0.1918, 31.9132



122.0200, -0.0099, 49.9715



128.3380, -22.8446, 0.5806



64.3210, -0.1583, 4.1035



45.0110, 0.4876, 77.1664



1.7230, 0.1366, 2.8739

Previews

White Background



This preview shows how the YUV color 99.4230, 18.5255, -15.2800 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 99.4230, 18.5255, -15.2800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

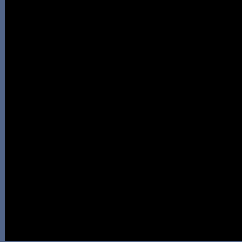
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 99.4230, 18.5255, -15.2800

Background



This preview shows how black text looks on a background with the YUV color 99.4230, 18.5255, -15.2800.



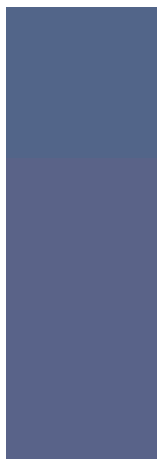
This preview shows how white text looks on a background with the YUV color 99.4230, 18.5255,

-15.2800.

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

99.4230, 18.5255, -15.2800

Protanopia

100.5270, 17.4882, -9.2322

Deuteranopia

100.3420, 18.0724, -9.9469



Tritanopia

97.3550, 8.2060, -18.7283

Trichromacy



Original Color

99.4230, 18.5255, -15.2800

Protanomaly

100.2170, 17.6410, -11.5913

Deuteranomaly

100.0320, 18.2252, -12.3061

Tritanomaly

98.2780, 11.6949, -17.7838

Monochromacy



Original Color

99.4230, 18.5255, -15.2800

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

99.3890, 6.7102, -5.6032

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.4230, 18.5255, -15.2800 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(82, 101, 137)` looks like.

```
.text, #text, p{  
    color:rgb(82, 101, 137)  
}
```

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(82, 101, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 101, 137) }
```

Border

The CSS property to change the border of an element to YUV 99.4230, 18.5255, -15.2800 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(82, 101, 137) }
```


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

```
.border{ border-color:rgb(82, 101, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 101, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 101, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 101, 137);  
box-shadow:4px 4px 4px 4px rgb(82, 101,  
137) }
```

Background

The CSS property to change the background color of an element to YUV 99.4230, 18.5255, -15.2800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 101, 137) }
```

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

```
.background{ background-color: rgb(82, 101,  
137) }
```

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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