

Converting Colors

YUV(102.7990, 18.3401,
-2.4547)

Have a look what the booklet for
YUV(102.7990, 18.3401, -2.4547)
contains.

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Color

**YUV(102.7990, 18.3401,
-2.4547)**

Conversions

Conversions Part 1

Format	Color
Hex	64618C
RGB	100, 97, 140
RGB Percent	39%, 38%, 55%
CMY	0.6078, 0.6196, 0.4510
CMYK	0.29, 0.31, 0.00, 0.45
HSL	244°, 18%, 46%
HSV	244°, 31%, 55%
XYZ	14.2638, 13.1522, 26.5978
YIQ	102.7990, -12.0150, 14.0090

Conversions

Conversions Part 2

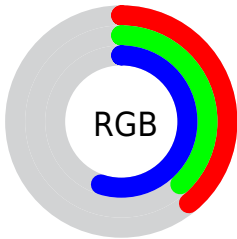
Format	Color
R_{YB}	100, 97, 140
Decimal	6578572
CIE _{Lab}	42.99, 11.43, -23.31
CIE _{LCh}	43, 25.966, 296.122
Yxy	13.1522, 0.2641, 0.2435
Android (android.graphics.Color)	4284768652 (0xFF64618C)
YUV	102.7990, 18.3401, -2.4547
Hunter-Lab	36.2659, 6.7410, -18.0977

Details

The YUV color **102.7990, 18.3401, -2.4547** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **134.2010, -18.3401, 2.4547**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.4400, 19.5031, -2.1399**, and **55.7450, 16.8877, -3.2844** is the 20% darker color. If you saturate the color by 10%, you get **90.6940, 24.3079, -3.2396**, and if you desaturate by 10%, it is **114.9040, 12.3723, -1.6698**.

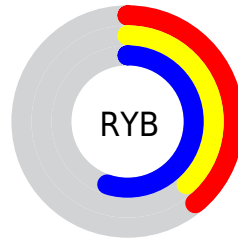
Distribution



Red (39%)

Green (38%)

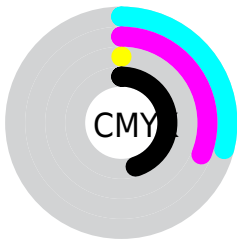
Blue (55%)



Red (39%)

Yellow (38%)

Blue (55%)

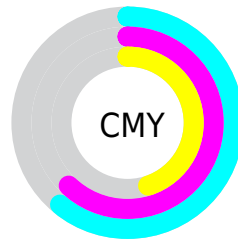


Cyan (29%)

Magenta (31%)

Yellow (0%)

Black (45%)



Cyan (61%)

Magenta (62%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 102.7990, 18.3401, -2.4547 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 102.7990, 18.3401, -2.4547 by changing the saturation by 10% instead.

■ 102.7990, 18.3401,
-2.4547

■ 102.7990, 18.3401,
-2.4547

■ 255.0000, 0.0000,
0.0000

■ 78.2720, 17.6139,
-2.8695

■ 154.4400, 19.5031,
-2.1399

■ 55.7450, 16.8877,
-3.2844

■ 180.9670, 20.2293,
-1.7251

■ 33.5060, 16.0195,
-4.8288

■ 208.9670, 20.2293,
-1.7251

■ 10.0440, 16.7403,
-2.6696

■ 234.3450, 10.1829,
0.5744

■ 3.2090, 9.7570,
-2.8143

■ 0.0000, 0.0000,
0.0000

■ 102.7990, 18.3401,
-2.4547

■ 102.7990, 18.3401,
-2.4547

■ 90.6940, 24.3079,
-3.2396

■ 114.9040, 12.3723,
-1.6698

■ 78.5890, 30.2756,
-4.0246

■ 127.0090, 6.4046,
-0.8849

■ 66.4840, 36.2434,
-4.8095

■ 139.1140, 0.4368,
-0.1000

■ 54.3790, 42.2112,
-5.5944

■ 151.2190, -5.5310,
0.6849

■ 42.2740, 48.1789,
-6.3793

■ 163.3240,
-11.4987, 1.4699

■ 30.1690, 54.1467,
-7.1642


■ 175.4290,
-17.4665, 2.2548

■ 18.9500, 59.6776,
-7.8491

■ 187.5340,
-23.4343, 3.0397

■ 199.6390,

-29.4020, 3.8246

 211.7440,
-35.3698, 4.6095

Harmonies

Analogous

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



96.8990, 23.2208, -27.9754



102.7990, 18.3401, -2.4547



104.2810, 10.7075, 19.0476

Triad

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



102.7990, 18.3401, -2.4547



102.0070, -17.2585, 28.9349



90.0610, 3.9139, -42.1495

Complementary

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



102.7990, 18.3401, -2.4547



134.2010, -18.3401, 2.4547

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.



95.1640, -8.9549, -21.1918



102.7990, 18.3401, -2.4547



100.0070, -20.7095, 15.7799

Square

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



102.7990, 18.3401, -2.4547



102.8150, -9.2758, 35.2422



97.9940, -17.7450, -1.7487



83.0010, 18.2405, -64.0219

Rectangle

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



102.7990, 18.3401, -2.4547



104.2130, 3.8390, 28.7542



97.9940, -17.7450, -1.7487



91.6660, -0.3283, -34.7871

Sweetspot

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



102.7990, 18.3401, -2.4547



167.1230, 6.8414, -0.9849



125.3820, 7.2067, -24.8910



83.1400, 4.3680, -0.9998



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



102.7990, 18.3401, -2.4547



123.1330, 28.5284, -3.6246



109.0780, 15.2445, 10.4556



62.7980, 3.0576, -0.6998



17.8530, 56.7675, -7.7641



0.5700, 2.1840, -0.4999

Inverse Universe

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



114.4170, 11.1334, 22.4363



141.1010, 17.2052, 34.9914



127.9220, -15.2445, -10.4556



64.7770, 1.5889, 3.7036



53.7890, 34.1210, 69.4680



2.0650, 1.4470, 2.5740

Previews

White Background



This preview shows how the YUV color 102.7990, 18.3401, -2.4547 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 102.7990, 18.3401, -2.4547 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

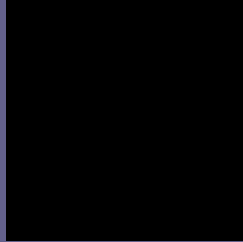
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 102.7990, 18.3401, -2.4547

Background



This preview shows how black text looks on a background with the YUV color 102.7990, 18.3401, -2.4547.



This preview shows how white text looks on a background with the YUV color 102.7990, 18.3401, -2.4547.

-2.4547.

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

102.7990, 18.3401, -2.4547

Protanopia

101.2000, 20.1144, -11.5764

Deuteranopia

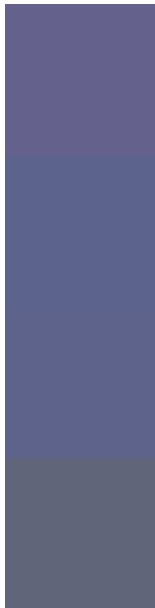
101.4560, 18.5092, -10.0469



Tritanopia

101.2210, 4.8210, -6.3328

Trichromacy



Original Color

102.7990, 18.3401, -2.4547

Protanomaly

101.6950, 19.3774, -8.5025

Deuteranomaly

102.0650, 18.2090, -7.0730

Tritanomaly

101.8990, 9.9098, -5.1734

Monochromacy



Original Color

102.7990, 18.3401, -2.4547

Achromatopsia

103.0000, 0.0000, 0.0000

Achromatomaly

103.0090, 6.4046, -0.8849

CSS Examples

Text

The CSS property to change the color of the text to YUV 102.7990, 18.3401, -2.4547 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(100, 97, 140)` looks like.

```
.text, #text, p{  
    color:rgb(100, 97, 140)  
}
```

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(100, 97, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 97, 140) }
```

Border

The CSS property to change the border of an element to YUV 102.7990, 18.3401, -2.4547 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(100, 97, 140) }
```


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

```
.border{ border-color:rgb(100, 97, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 97, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 97, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 97, 140);  
box-shadow:4px 4px 4px 4px rgb(100, 97,  
140) }
```

Background

The CSS property to change the background color of an element to YUV 102.7990, 18.3401, -2.4547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 97, 140) }
```

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

```
.background{ background-color: rgb(100, 97,  
140) }
```

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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