

Converting Colors

YUV(102.3090, 1.3267, -5.5330)

Have a look what the booklet for
YUV(102.3090, 1.3267, -5.5330)
contains.

YUV(102.3090, 1.3267, -5.5330)	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(102.3090, 1.3267,
-5.5330)**

Conversions

Conversions Part 1

Format	Color
Hex	606969
RGB	96, 105, 105
RGB Percent	38%, 41%, 41%
CMY	0.6235, 0.5882, 0.5882
CMYK	0.09, 0.00, 0.00, 0.59
HSL	180°, 4%, 39%
HSV	180°, 9%, 41%
XYZ	12.4252, 13.6099, 15.3367
YIQ	102.3090, -5.3640, -1.9080

Conversions

Conversions Part 2

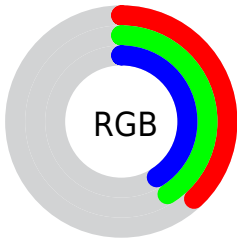
Format	Color
R_{YB}	96, 101, 105
Decimal	6318441
CIE _{Lab}	43.67, -3.43, -1.18
CIE _{LCh}	44, 3.628, 199.060
Yxy	13.6099, 0.3003, 0.3290
Android (android.graphics.Color)	4284508521 (0xFF606969)
YUV	102.3090, 1.3267, -5.5330
Hunter-Lab	36.8916, -4.4406, 1.1758

Details

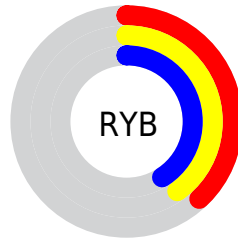
The YUV color **102.3090, 1.3267, -5.5330** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **98.6910, -1.3267, 5.5330**, and the grayscale version is **102.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.3090, 1.3267, -5.5330**, and **55.6080, 1.1793, -4.9182** is the 20% darker color. If you saturate the color by 10%, you get **99.3190, 2.8007, -11.6808**, and if you desaturate by 10%, it is **105.2990, -0.1474, 0.6148**.

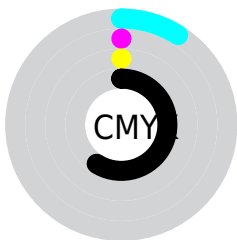
Distribution



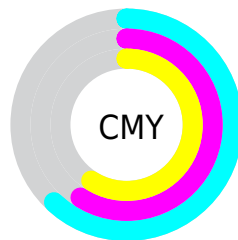
- Red (38%)
- Green (41%)
- Blue (41%)



- Red (38%)
- Yellow (40%)
- Blue (41%)



- Cyan (9%)
- Magenta (0%)
- Yellow (0%)
- Black (59%)



- Cyan (62%)
- Magenta (59%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 102.3090, 1.3267, -5.5330 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 102.3090, 1.3267, -5.5330 by changing the saturation by 10% instead.

■ 102.3090, 1.3267,
-5.5330

■ 102.3090, 1.3267,
-5.5330

255.0000, 0.0000,
0.0000

■ 78.3090, 1.3267,
-5.5330

■ 153.3090, 1.3267,
-5.5330

■ 55.6080, 1.1793,
-4.9182

■ 180.0100, 1.4741,
-6.1478

■ 33.9070, 1.0318,
-4.3034

■ 207.7110, 1.6215,
-6.7625

■ 11.4120, 1.7689,
-7.3773

■ 236.0100, 1.4741,
-6.1478

■ 0.0000, 0.0000,
0.0000

■ 102.3090, 1.3267,

■ 102.3090, 1.3267,

-5.5330

-5.5330

■ 99.3190, 2.8007,
-11.6808

■ 105.2990, -0.1474,
0.6148

■ 96.0300, 4.4222,
-18.4433

■ 108.5880, -1.7689,
7.3773

■ 93.0400, 5.8963,
-24.5911

■ 111.8770, -3.3904,
14.1399

■ 89.7510, 7.5178,
-31.3536

■ 114.8670, -4.8644,
20.2876

■ 86.4620, 9.1392,
-38.1162

■ 118.1560, -6.4859,
27.0502

■ 83.4720, 10.6133,
-44.2639

■ 121.1460, -7.9600,
33.1980

■ 80.4820, 12.0874,
-50.4117

■ 124.4350, -9.5815,
39.9605

■ 77.1930, 13.7089,
-57.1743

■ 127.4250,
-11.0555, 46.1083

■ 74.2030, 15.1829,
-63.3220

■ 130.7140,
-12.6770, 52.8708

Harmonies

Analogous

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



102.2660, -0.1311, -4.6183



102.3090, 1.3267, -5.5330



102.9500, 2.4896, -5.2182

Triad

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



102.3090, 1.3267, -5.5330



103.7660, 1.5944, 1.9592



103.5120, -3.2104, 3.0590

Complementary

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



102.3090, 1.3267, -5.5330



98.6910, -1.3267, 5.5330

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.



103.7510, -2.3422, 4.6034



102.3090, 1.3267, -5.5330



103.7340, 0.1311, 4.6183

Square

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



102.3090, 1.3267, -5.5330



103.6840, 2.6208, -0.5999



103.6910, -1.3267, 5.5330



103.2020, -3.0576, 0.6998

Rectangle

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



102.3090, 1.3267, -5.5330



102.7760, 3.0684, -4.1886



103.6910, -1.3267, 5.5330



103.3380, -2.6316, 4.0886

Sweetspot

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



102.3090, 1.3267, -5.5330



136.8040, 0.5896, -2.4591



101.2830, -2.6045, -4.6332



68.1030, 0.4422, -1.8443



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



102.3090, 1.3267, -5.5330



133.8140, 2.0637, -8.6069



99.9610, 2.4842, -3.4738



52.2060, 0.8844, -3.6887



82.0170, 17.2466, -71.9289



171.7450, 36.1147, -150.6204

Inverse Universe

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



99.7170, 2.6045, 4.6332



129.7820, 4.0515, 7.2072



101.6260, -2.7736, 2.9590



50.4780, 1.7363, 3.0888



48.3210, 33.8587, 60.2315



101.1850, 70.9008, 126.1258

Previews

White Background



This preview shows how the YUV color 102.3090, 1.3267, -5.5330 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 102.3090, 1.3267, -5.5330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

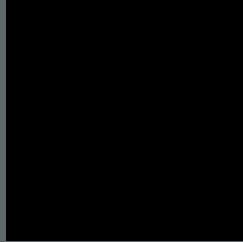
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

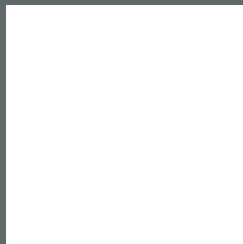
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 102.3090, 1.3267, -5.5330

Background



This preview shows how black text looks on a background with the YUV color 102.3090, 1.3267, -5.5330.



This preview shows how white text looks on a background with the YUV color 102.3090, 1.3267,

-5.5330.

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

102.3090, 1.3267, -5.5330

Protanopia

103.7120, 0.1420, 1.1296

Deuteranopia

104.2720, 0.8519, 6.7775



Tritanopia

102.8190, 4.5262, -5.1033

Trichromacy



Original Color

102.3090, 1.3267, -5.5330

Protanomaly

103.4020, 0.2948, -1.2296

Deuteranomaly

103.6520, 1.1576, 2.0592

Tritanomaly

102.4770, 3.2158, -4.8033

Monochromacy



Original Color

102.3090, 1.3267, -5.5330

Achromatopsia

102.0000, 0.0000, 0.0000

Achromatomaly

102.1030, 0.4422, -1.8443

CSS Examples

Text

The CSS property to change the color of the text to YUV 102.3090, 1.3267, -5.5330 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(96, 105, 105)` looks like.

```
.text, #text, p{  
    color:rgb(96, 105, 105)  
}
```

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(96, 105, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 105, 105) }
```

Border

The CSS property to change the border of an element to YUV 102.3090, 1.3267, -5.5330 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(96, 105, 105) }
```


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

```
.border{ border-color:rgb(96, 105, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 105, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 105, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 105, 105);  
box-shadow:4px 4px 4px 4px rgb(96, 105,  
105) }
```

Background

The CSS property to change the background color of an element to YUV 102.3090, 1.3267, -5.5330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 105, 105) }
```

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

```
.background{ background-color: rgb(96, 105,  
105) }
```

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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