

Converting Colors

YUV(54.1560, 23.5871, -5.3988)

Have a look what the booklet for
YUV(54.1560, 23.5871, -5.3988)
contains.

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Color

**YUV(54.1560, 23.5871,
-5.3988)**

Conversions

Conversions Part 1

Format	Color
Hex	303066
RGB	48, 48, 102
RGB Percent	19%, 19%, 40%
CMY	0.8118, 0.8118, 0.6000
CMYK	0.53, 0.53, 0.00, 0.60
HSL	240°, 36%, 29%
HSV	240°, 53%, 40%
XYZ	4.6741, 3.7016, 13.0385
YIQ	54.1560, -17.3340, 16.7940

Conversions

Conversions Part 2

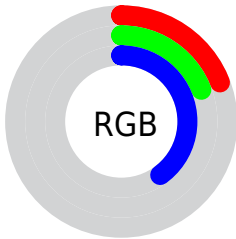
Format	Color
R_{YB}	48, 48, 102
Decimal	3158118
CIE _{Lab}	22.66, 16.55, -31.93
CIE _{LCh}	23, 35.960, 297.403
Yxy	3.7016, 0.2183, 0.1729
Android (android.graphics.Color)	4281348198 (0xFF303066)
YUV	54.1560, 23.5871, -5.3988
Hunter-Lab	19.2395, 9.6966, -26.7128

Details

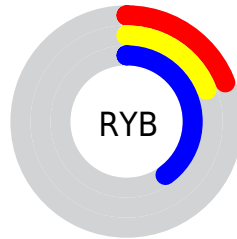
The YUV color **54.1560, 23.5871, -5.3988** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **95.8440, -23.5871, 5.3988**, and the grayscale version is **54.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **101.9220, 25.1815, -3.4396**, and **6.8570, 23.7345, -6.0136** is the 20% darker color. If you saturate the color by 10%, you get **45.2960, 27.9551, -6.3986**, and if you desaturate by 10%, it is **63.0160, 19.2191, -4.3990**.

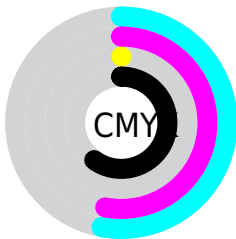
Distribution



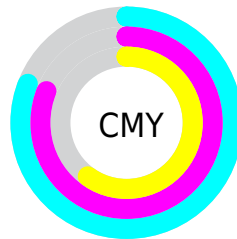
- Red (19%)
- Green (19%)
- Blue (40%)



- Red (19%)
- Yellow (19%)
- Blue (40%)



- Cyan (53%)
- Magenta (53%)
- Yellow (0%)
- Black (60%)



- Cyan (81%)
- Magenta (81%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 54.1560, 23.5871, -5.3988 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 54.1560, 23.5871, -5.3988 by changing the saturation by 10% instead.

■ 54.1560, 23.5871,
-5.3988

■ 54.1560, 23.5871,
-5.3988

■ 255.0000, 0.0000,
0.0000

■ 31.3190, 23.0137,
-8.1728

■ 101.9220, 25.1815,
-3.4396

■ 6.8570, 23.7345,
-6.0136

■ 127.4490, 25.9076,
-3.0248

■ 4.8220, 13.3988,
-4.2289

■ 153.3890, 26.9232,
-2.0952

■ 0.5700, 2.1840,
-0.4999

■ 180.6170, 27.7968,
-2.2951

■ 0.0000, 0.0000,
0.0000

■ 206.8900, 23.7182,
-0.7805

■ 231.9970, 11.3405,

2.6336

■ 54.1560, 23.5871,
-5.3988

■ 54.1560, 23.5871,
-5.3988

■ 45.2960, 27.9551,
-6.3986

■ 63.0160, 19.2191,
-4.3990

■ 36.4360, 32.3231,
-7.3984

■ 71.8760, 14.8511,
-3.3993

■ 26.6900, 37.1278,
-8.4981

■ 81.6220, 10.0464,
-2.2995

■ 17.8300, 41.4958,
-9.4979

■ 90.4820, 5.6784,
-1.2997

■ 11.6280, 44.5534,
-10.1978

■ 99.3420, 1.3104,
-0.2999

■ 108.2020, -3.0576,
0.6998

■ 117.0620, -7.4256,
1.6996

■ 126.8080,
-12.2303, 2.7994

■ 135.6680,
-16.5983, 3.7992

Harmonies

Analogous

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



46.3580, 30.3895, -40.6560



54.1560, 23.5871, -5.3988



55.1230, 13.7434, 25.3251

Triad

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



54.1560, 23.5871, -5.3988



50.9490, -22.6529, 32.4937



44.5560, 3.1769, -39.0756

Complementary

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



54.1560, 23.5871, -5.3988



95.8440, -23.5871, 5.3988

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.



40.1900, -8.4747, -35.2466



54.1560, 23.5871, -5.3988



51.1550, -25.2194, 15.6501

Square

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



54.1560, 23.5871, -5.3988



50.4570, -9.5923, 43.4492



48.0770, -23.7020, -4.4525



47.6340, 14.9704, -41.7750

Rectangle

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



54.1560, 23.5871, -5.3988



52.7780, 7.0114, 37.9057



48.0770, -23.7020, -4.4525



43.5300, -0.7543, -38.1758

Sweetspot

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



54.1560, 23.5871, -5.3988



113.5080, 9.6096, -2.1995



85.8540, 7.9600, -33.1980



55.3680, 5.2416, -1.1997



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



54.1560, 23.5871, -5.3988



57.6900, 37.1278, -8.4981



62.2290, 19.6071, 11.2002



46.5700, 2.1840, -0.4999



13.1100, 50.2318, -11.4975



27.5880, 105.7051, -24.1947

Inverse Universe

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



70.3020, 15.6271, 27.7991



83.1050, 24.5982, 43.7579



87.7710, -19.6071, -11.2002



48.0650, 1.4470, 2.5740



47.4950, 33.2800, 59.2019



99.9460, 70.0326, 124.5814

Previews

White Background



This preview shows how the YUV color 54.1560, 23.5871, -5.3988 looks on a white background.

Color Contrast Check

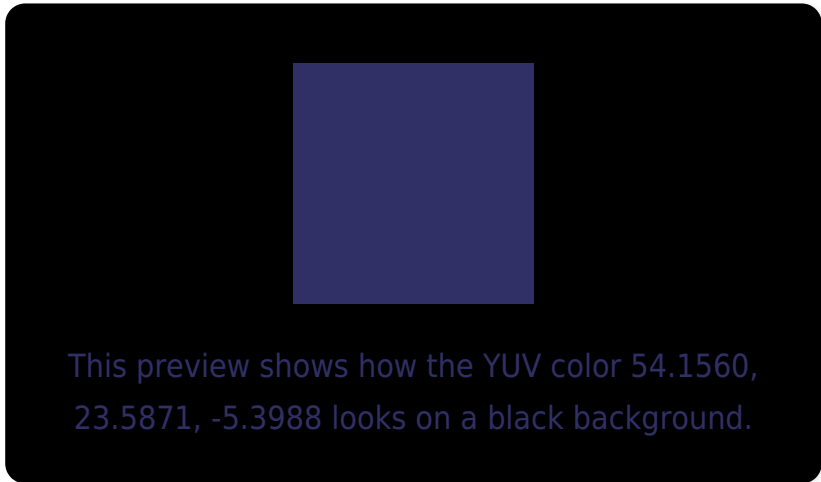
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

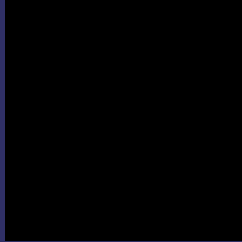
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 54.1560, 23.5871, -5.3988

Background



This preview shows how black text looks on a background with the YUV color 54.1560, 23.5871, -5.3988.



This preview shows how white text looks on a background with the YUV color 54.1560, 23.5871,

-5.3988.

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

54.1560, 23.5871, -5.3988

Protanopia

48.7020, 28.7409, -25.1717

Deuteranopia

43.3430, 26.4529, -38.0118



Tritanopia

51.6930, 5.5744, -14.6398

Trichromacy



Original Color

54.1560, 23.5871, -5.3988

Protanomaly

50.8770, 26.6826, -18.3091

Deuteranomaly

46.8930, 25.6888, -26.2162

Tritanomaly

52.4360, 12.1101, -10.9064

Monochromacy



Original Color

54.1560, 23.5871, -5.3988

Achromatopsia

54.0000, 0.0000, 0.0000

Achromatomaly

54.1660, 8.2992, -1.8996

CSS Examples

Text

The CSS property to change the color of the text to YUV 54.1560, 23.5871, -5.3988 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(48, 48, 102)` looks like.

```
.text, #text, p{  
    color:rgb(48, 48, 102)  
}
```

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(48, 48, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 48, 102) }
```

Border

The CSS property to change the border of an element to YUV 54.1560, 23.5871, -5.3988 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(48, 48, 102) }
```


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

```
.border{ border-color:rgb(48, 48, 102) }
```

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

Here you see how a box with a 4 pixel rgb(48, 48, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 48, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 48, 102);  
box-shadow:4px 4px 4px 4px rgb(48, 48,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 54.1560, 23.5871, -5.3988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 48, 102) }
```

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

```
.background{ background-color: rgb(48, 48,  
102) }
```

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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