

Converting Colors

YUV(103.1820, 24.0673,
-19.4536)

Have a look what the booklet for
YUV(103.1820, 24.0673, -19.4536)
contains.

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Color

**YUV(103.1820, 24.0673,
-19.4536)**

Conversions

Conversions Part 1

Format	Color
Hex	516998
RGB	81, 105, 152
RGB Percent	32%, 41%, 60%
CMY	0.6824, 0.5882, 0.4039
CMYK	0.47, 0.31, 0.00, 0.40
HSL	220°, 30%, 46%
HSV	220°, 47%, 60%
XYZ	14.1124, 14.1195, 31.6873
YIQ	103.1820, -29.3910, 9.5290

Conversions

Conversions Part 2

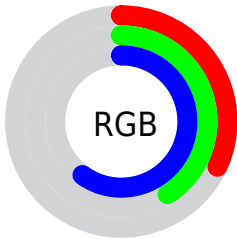
Format	Color
R_{YB}	81, 99, 152
Decimal	5335448
CIE _{Lab}	44.40, 4.40, -28.39
CIE _{LCh}	44, 28.732, 278.813
Yxy	14.1195, 0.2355, 0.2356
Android (android.graphics.Color)	4283525528 (0xFF516998)
YUV	103.1820, 24.0673, -19.4536
Hunter-Lab	37.5759, 1.2816, -23.6954

Details

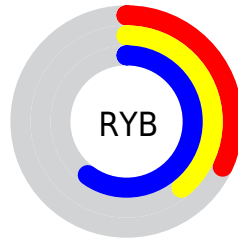
The YUV color **103.1820, 24.0673, -19.4536** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **129.8180, -24.0673, 19.4536**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.2360, 25.5197, -18.6240**, and **53.9320, 23.2045, -22.7424** is the 20% darker color. If you saturate the color by 10%, you get **92.8270, 29.1723, -23.5273**, and if you desaturate by 10%, it is **113.5370, 18.9623, -15.3799**.

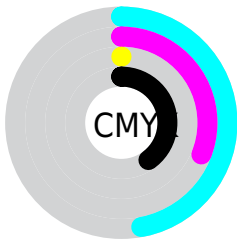
Distribution



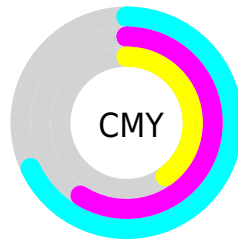
- Red (32%)
- Green (41%)
- Blue (60%)



- Red (32%)
- Yellow (39%)
- Blue (60%)



- Cyan (47%)
- Magenta (31%)
- Yellow (0%)
- Black (40%)



- Cyan (68%)
- Magenta (59%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.1820, 24.0673, -19.4536 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 103.1820, 24.0673, -19.4536 by changing the saturation by 10% instead.

■ 103.1820, 24.0673,
-19.4536

■ 103.1820, 24.0673,
-19.4536

■ 255.0000, 0.0000,
0.0000

■ 78.3560, 23.4885,
-20.4832

■ 155.2360, 25.5197,
-18.6240

■ 53.9320, 23.2045,
-22.7424

■ 182.3500, 25.9565,
-18.7239

■ 30.4970, 22.9260,
-26.7459

■ 208.8510, 22.7515,
-17.4093

■ 15.5480, 18.9568,
-13.6356

■ 234.2460, 10.2317,
-15.1247

■ 4.8220, 13.3988,
-4.2289

■ 252.3090, 1.3267,
-5.5330

■ 0.4560, 1.7472,
-0.3999

■ 0.0000, 0.0000,

0.0000

■ 103.1820, 24.0673,
-19.4536

■ 103.1820, 24.0673,
-19.4536

■ 92.8270, 29.1723,
-23.5273

■ 113.5370, 18.9623,
-15.3799

■ 82.4720, 34.2773,
-27.6009

■ 123.8920, 13.8572,
-11.3063

■ 71.8180, 39.5297,
-32.2894

■ 134.5460, 8.6048,
-6.6178

■ 61.4630, 44.6347,
-36.3631

■ 144.9010, 3.4998,
-2.5442

■ 51.1080, 49.7398,
-40.4367

■ 155.2560, -1.6052,
1.5295

■ 47.2650, 51.6344,
-41.4514

■ 165.6110, -6.7102,
5.6032

■ 175.9660,
-11.8152, 9.6768

■ 186.6200,
-17.0677, 14.3653

■ 197.5620,
-22.4621, 17.9241

Harmonies

Analogous

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



92.5970, 27.8067, -52.2666



103.1820, 24.0673, -19.4536



107.5230, 16.9972, 8.3113

Triad

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



103.1820, 24.0673, -19.4536



105.7460, -14.6648, 37.0568



95.0530, -3.9701, -33.3725

Complementary

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



103.1820, 24.0673, -19.4536



129.8180, -24.0673, 19.4536

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.



99.6940, -16.1181, -10.2556



103.1820, 24.0673, -19.4536



104.8450, -21.6156, 26.4459

Square

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



103.1820, 24.0673, -19.4536



106.9170, -3.9031, 38.6608



102.5070, -22.4350, 9.2024



85.5080, 12.5676, -64.4665

Rectangle

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



103.1820, 24.0673, -19.4536



108.3030, 10.6966, 22.5363



102.5070, -22.4350, 9.2024



96.8430, -8.7966, -25.2953

Sweetspot

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



103.1820, 24.0673, -19.4536



177.3610, 9.1890, -7.3326



127.9210, -0.4541, -41.1497



87.7590, 5.5418, -4.1736



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



103.1820, 24.0673, -19.4536



120.8460, 37.0509, -30.5599



92.3830, 29.3912, -0.3359



71.0860, 2.9156, -1.8294



43.5490, 47.5503, -38.1925



3.8300, 4.5208, -3.3589

Inverse Universe

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



104.9650, 0.0173, 41.2497



123.2220, 0.3836, 63.8263



140.6170, -29.3912, 0.3359



71.6200, -0.3057, 4.7183



47.2180, -0.1075, 81.3698



4.3430, -0.1691, 7.5922

Previews

White Background



This preview shows how the YUV color 103.1820, 24.0673, -19.4536 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 103.1820, 24.0673, -19.4536 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

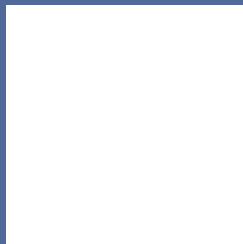
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 103.1820, 24.0673, -19.4536

Background



This preview shows how black text looks on a background with the YUV color 103.1820, 24.0673, -19.4536.

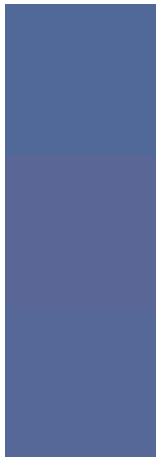


This preview shows how white text looks on a background with the YUV color 103.1820, 24.0673, -19.4536.

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

103.1820, 24.0673, -19.4536

Protanopia

104.4710, 22.4458, -12.6911

Deuteranopia

103.7910, 23.7670, -16.4797



Tritanopia

100.3650, 9.6801, -24.8761

Trichromacy



Original Color

103.1820, 24.0673, -19.4536

Protanomaly

104.2750, 23.0354, -15.1502

Deuteranomaly

103.4920, 23.9144, -17.0945

Tritanomaly

101.4560, 15.0582, -23.2019

Monochromacy



Original Color

103.1820, 24.0673, -19.4536

Achromatopsia

103.0000, 0.0000, 0.0000

Achromatomaly

103.2470, 8.7522, -7.2326

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.1820, 24.0673, -19.4536 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(81, 105, 152)` looks like.

```
.text, #text, p{  
    color:rgb(81, 105, 152)  
}
```

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(81, 105, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 105, 152) }
```

Border

The CSS property to change the border of an element to YUV 103.1820, 24.0673, -19.4536 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(81, 105, 152) }
```


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

```
.border{ border-color:rgb(81, 105, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 105, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 105, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 105, 152);  
box-shadow:4px 4px 4px 4px rgb(81, 105,  
152) }
```

Background

The CSS property to change the background color of an element to YUV 103.1820, 24.0673, -19.4536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 105, 152) }
```

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

```
.background{ background-color: rgb(81, 105,  
152) }
```

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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