

Converting Colors

YUV(43.5580, 20.4309,
-19.7834)

Have a look what the booklet for
YUV(43.5580, 20.4309, -19.7834)
contains.

YUV(43.5580, 20.4309, -19.7834)	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(43.5580, 20.4309,
-19.7834)**

Conversions

Conversions Part 1

Format	Color
Hex	152F55
RGB	21, 47, 85
RGB Percent	8%, 18%, 33%
CMY	0.9176, 0.8157, 0.6667
CMYK	0.75, 0.45, 0.00, 0.67
HSL	216°, 60%, 21%
HSV	216°, 75%, 33%
XYZ	2.9655, 2.8483, 8.9878
YIQ	43.5580, -27.6940, 6.3060

Conversions

Conversions Part 2

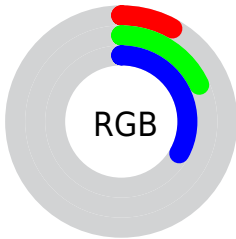
Format	Color
R_{YB}	21, 39, 85
Decimal	1388373
CIE _{Lab}	19.43, 4.71, -26.00
CIE _{LCh}	19, 26.425, 280.263
Yxy	2.8483, 0.2003, 0.1924
Android (android.graphics.Color)	4279578453 (0xFF152F55)
YUV	43.5580, 20.4309, -19.7834
Hunter-Lab	16.8770, 1.8295, -19.7608

Details

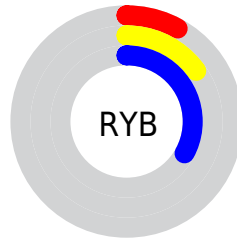
The YUV color **43.5580, 20.4309, -19.7834** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **62.4420, -20.4309, 19.7834**, and the grayscale version is **43.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **91.8080, 21.2937, -16.4946**, and **5.1470, 17.1825, -4.5139** is the 20% darker color. If you saturate the color by 10%, you get **37.9320, 23.2045, -22.7424**, and if you desaturate by 10%, it is **48.8850, 17.8047, -17.4391**.

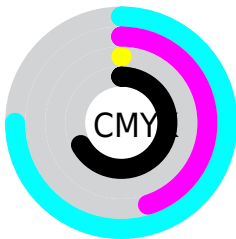
Distribution



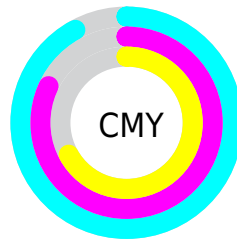
- Red (8%)
- Green (18%)
- Blue (33%)



- Red (8%)
- Yellow (15%)
- Blue (33%)



- Cyan (75%)
- Magenta (45%)
- Yellow (0%)
- Black (67%)



- Cyan (92%)
- Magenta (82%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 43.5580, 20.4309, -19.7834 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 43.5580, 20.4309, -19.7834 by changing the saturation by 10% instead.

■ 43.5580, 20.4309,
-19.7834

■ 43.5580, 20.4309,
-19.7834

■ 255.0000, 0.0000,
0.0000

■ 22.9170, 19.2679,
-20.0982

■ 91.8080, 21.2937,
-16.4946

■ 5.1470, 17.1825,
-4.5139

■ 116.6340, 21.8724,
-15.4650

■ 2.5250, 7.1362,
-2.2144

■ 142.7480, 22.3092,
-15.5650

■ 0.0000, 0.0000,
0.0000

■ 168.9760, 23.1828,
-15.7650

■ 196.5030, 23.9090,
-15.3501

■ 222.4510, 16.0467,

-13.5505

■ 247.8460, 3.5269,
-11.2659

■ 43.5580, 20.4309,
-19.7834

■ 43.5580, 20.4309,
-19.7834

■ 37.9320, 23.2045,
-22.7424

■ 48.8850, 17.8047,
-17.4391

■ 32.6050, 25.8307,
-25.0866

■ 54.5110, 15.0311,
-14.4801

■ 30.2350, 26.9991,
-26.5161

■ 60.1370, 12.2575,
-11.5211

■ 65.4640, 9.6312,
-9.1769

■ 70.7910, 7.0050,
-6.8327

■ 76.4170, 4.2314,
-3.8737

■ 81.7440, 1.6052,
-1.5295

■ 87.3700, -1.1684,
1.4295

■ 92.6970, -3.7946,
3.7737

Harmonies

Analogous

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



40.5730, 20.9165, -35.5825



43.5580, 20.4309, -19.7834



48.7140, 13.9450, 7.2668

Triad

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



43.5580, 20.4309, -19.7834



46.2010, -11.4381, 28.7647



36.0470, -1.5022, -31.6132

Complementary

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



43.5580, 20.4309, -19.7834



62.4420, -20.4309, 19.7834

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.



41.9050, -12.7712, -10.4407



43.5580, 20.4309, -19.7834



45.3110, -18.3943, 19.8983

Square

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



43.5580, 20.4309, -19.7834



46.2150, -2.5710, 31.3834



43.8810, -19.6613, 6.2434



38.9140, 6.9444, -34.1276

Rectangle

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



43.5580, 20.4309, -19.7834



48.4120, 8.6709, 18.9327



43.8810, -19.6613, 6.2434



37.7550, -5.3022, -26.0951

Sweetspot

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



43.5580, 20.4309, -19.7834



93.4210, 8.1734, -8.2622



62.7860, -2.3595, -36.6463



45.9330, 4.9630, -5.2032



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



43.5580, 20.4309, -19.7834



45.7660, 31.6674, -30.4898



29.7910, 27.2180, -3.3247



40.6300, 1.1684, -1.4295



38.0260, 34.0042, -33.3488



82.5550, 75.1554, -72.4007

Inverse Universe

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



43.1000, 1.9227, 36.7463



45.1610, 2.8786, 56.8638



76.2090, -27.2180, 3.3247



40.4240, 0.2840, 2.2592



37.0090, 3.4466, 61.3821



81.0950, 6.8552, 134.9747

Previews

White Background



This preview shows how the YUV color 43.5580, 20.4309, -19.7834 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



This preview shows how the YUV color 43.5580, 20.4309, -19.7834 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

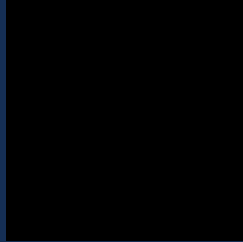
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 43.5580, 20.4309, -19.7834

Background



This preview shows how black text looks on a background with the YUV color 43.5580, 20.4309, -19.7834.



This preview shows how white text looks on a background with the YUV color 43.5580, 20.4309,

-19.7834.

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

43.5580, 20.4309, -19.7834

Protanopia

45.2490, 19.1042, -14.2504

Deuteranopia

40.5570, 21.9104, -27.6755



Tritanopia

36.9080, 9.4124, -32.3683

Trichromacy



Original Color

43.5580, 20.4309, -19.7834

Protanomaly

44.3520, 19.5465, -16.0947

Deuteranomaly

41.7530, 21.3208, -25.2164

Tritanomaly

39.3800, 13.6167, -27.5203

Monochromacy



Original Color

43.5580, 20.4309, -19.7834

Achromatopsia

44.0000, 0.0000, 0.0000

Achromatomaly

43.9050, 7.4418, -6.9327

CSS Examples

Text

The CSS property to change the color of the text to YUV 43.5580, 20.4309, -19.7834 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(21, 47, 85)` looks like.

```
.text, #text, p{  
    color:rgb(21, 47, 85)  
}
```

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(21, 47, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 47, 85) }
```

Border

The CSS property to change the border of an element to YUV 43.5580, 20.4309, -19.7834 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(21, 47, 85) }
```


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

```
.border{ border-color:rgb(21, 47, 85) }
```

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

Here you see how a box with a 4 pixel rgb(21, 47, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 47, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 47, 85);  
box-shadow:4px 4px 4px 4px rgb(21, 47, 85)  
}
```

Background

The CSS property to change the background color of an element to YUV 43.5580, 20.4309, -19.7834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 47, 85) }
```

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

```
.background{ background-color: rgb(21, 47,  
85) }
```

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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