

Converting Colors

YUV(83.0560, 18.7064, 20.1219)

Have a look what the booklet for
YUV(83.0560, 18.7064, 20.1219)
contains.

YUV(83.0560, 18.7064, 20.1219)	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(83.0560, 18.7064,
20.1219)**

Conversions

Conversions Part 1

Format	Color
Hex	6A4079
RGB	106, 64, 121
RGB Percent	42%, 25%, 47%
CMY	0.5843, 0.7490, 0.5255
CMYK	0.12, 0.47, 0.00, 0.53
HSL	284°, 31%, 36%
HSV	284°, 47%, 47%
XYZ	11.2284, 8.1114, 19.0630
YIQ	83.0560, 6.7350, 26.6310

Conversions

Conversions Part 2

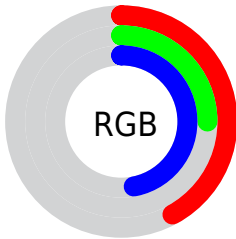
Format	Color
R_{YB}	106, 64, 121
Decimal	6963321
CIE _{Lab}	34.21, 28.90, -25.31
CIE _{LCh}	34, 38.415, 318.787
Yxy	8.1114, 0.2924, 0.2112
Android (android.graphics.Color)	4285153401 (0xFF6A4079)
YUV	83.0560, 18.7064, 20.1219
Hunter-Lab	28.4806, 20.5324, -19.7484

Details

The YUV color **83.0560, 18.7064, 20.1219** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **101.9440, -18.7064, -20.1219**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.7080, 19.8640, 22.1811**, and **35.8170, 17.8382, 18.5775** is the 20% darker color. If you saturate the color by 10%, you get **75.1150, 22.6213, 24.4551**, and if you desaturate by 10%, it is **90.9970, 14.7915, 15.7886**.

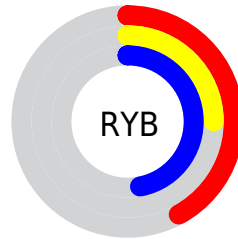
Distribution



Red (42%)

Green (25%)

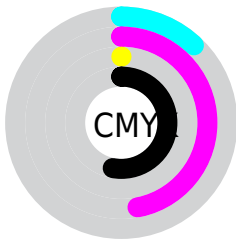
Blue (47%)



Red (42%)

Yellow (25%)

Blue (47%)

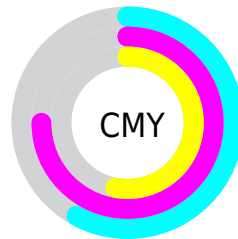


Cyan (12%)

Magenta (47%)

Yellow (0%)

Black (53%)



Cyan (58%)

Magenta (75%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.0560, 18.7064, 20.1219 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 83.0560, 18.7064, 20.1219 by changing the saturation by 10% instead.

83.0560, 18.7064,
20.1219

83.0560, 18.7064,
20.1219

255.0000, 0.0000,
0.0000

59.2300, 18.1276,
19.0923

133.7080, 19.8640,
22.1811

35.8170, 17.8382,
18.5775

160.1210, 20.1533,
22.6959

16.0510, 16.2439,
16.6183

186.9470, 20.7321,
23.7255

3.1920, 12.2303,
-2.7994

215.0180, 19.7111,
24.5402

0.0000, 0.0000,
0.0000

235.0420, 9.8393,
17.5032

252.0650, 1.4470,

2.5740

■ 83.0560, 18.7064,
20.1219

■ 83.0560, 18.7064,
20.1219

■ 75.1150, 22.6213,
24.4551

■ 90.9970, 14.7915,
15.7886

■ 67.1740, 26.5362,
28.7884

■ 98.9380, 10.8766,
11.4554

■ 58.9340, 30.5985,
32.5069

■ 107.1780, 6.8142,
7.7369

■ 50.9930, 34.5135,
36.8401

■ 115.1190, 2.8993,
3.4036

■ 42.4650, 38.7178,
41.6882

■ 123.0600, -1.0156,
-0.9296

■ 40.4050, 39.7333,
42.6178

■ 131.5880, -5.2199,
-5.7777

■ 139.5290, -9.1348,
-10.1109

■ 147.4700,
-13.0497, -14.4442

■ 155.7100,
-17.1120, -18.1627

Harmonies

Analogous

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



78.5720, 29.2980, -17.1646



83.0560, 18.7064, 20.1219



80.5830, 6.1216, 43.3387

Triad

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



83.0560, 18.7064, 20.1219



77.5430, -30.3407, 24.9568



67.0510, 15.7509, -58.8037

Complementary

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



83.0560, 18.7064, 20.1219



101.9440, -18.7064, -20.1219

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.



62.9300, 2.4995, -55.1896



83.0560, 18.7064, 20.1219



75.0410, -29.1072, 2.5950

Square

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



83.0560, 18.7064, 20.1219



78.6450, -21.5170, 41.5303



70.0080, -15.7799, -25.4400



68.9550, 28.1232, -60.4735

Rectangle

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



83.0560, 18.7064, 20.1219



79.5100, -3.2094, 49.5417



70.0080, -15.7799, -25.4400



65.9110, 11.3829, -57.8039

Sweetspot

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



83.0560, 18.7064, 20.1219



143.2920, 7.2510, 7.6369



79.3030, 20.5566, -13.4207



70.4720, 4.2043, 4.8481



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



83.0560, 18.7064, 20.1219



97.9940, 29.5830, 31.5773



86.0590, 10.8169, 30.6433



57.1790, 1.8838, 2.4740



41.7580, 41.0383, 44.0622



84.3420, 82.6554, 89.1541

Inverse Universe

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



82.7530, -1.8502, 33.5426



97.6460, -2.7835, 52.9305



98.9410, -10.8169, -30.6433



57.0220, -0.0108, 3.4887



41.1370, -4.0115, 73.5479



82.8720, -8.3179, 148.3253

Previews

White Background



This preview shows how the YUV color 83.0560, 18.7064, 20.1219 looks on a white background.

Color Contrast Check

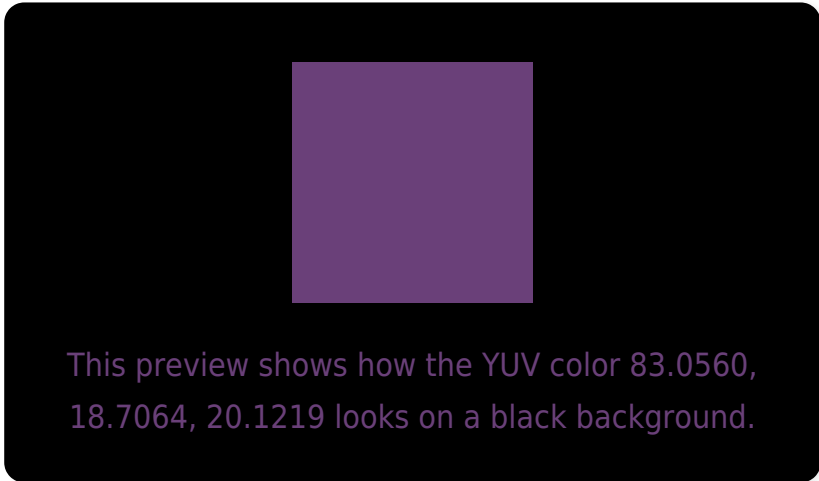
Large Text (above 18pt) WCAG AA ✓ Pass

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

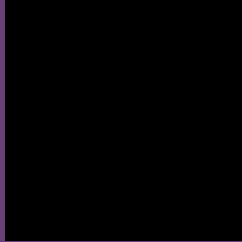
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 83.0560, 18.7064, 20.1219

Background



This preview shows how black text looks on a background with the YUV color 83.0560, 18.7064, 20.1219.



This preview shows how white text looks on a background with the YUV color 83.0560, 18.7064,

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

83.0560, 18.7064, 20.1219

Protanopia

78.9910, 27.1194, -18.4091

Deuteranopia

80.1460, 18.6620, -12.4060



Tritanopia

82.3440, -1.6486, 15.4843

Trichromacy



Original Color

83.0560, 18.7064, 20.1219

Protanomaly

80.5690, 23.8765, -4.8840

Deuteranomaly

81.2230, 18.6241, -0.1956

Tritanomaly

82.3040, 5.7661, 17.2734

Monochromacy



Original Color

83.0560, 18.7064, 20.1219

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

82.8790, 6.9617, 7.1221

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.0560, 18.7064, 20.1219 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(106, 64, 121)` looks like.

```
.text, #text, p{  
    color:rgb(106, 64, 121)  
}
```

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(106, 64, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 64, 121) }
```

Border

The CSS property to change the border of an element to YUV 83.0560, 18.7064, 20.1219 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(106, 64, 121) }
```


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

```
.border{ border-color:rgb(106, 64, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 64, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 64, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 64, 121);  
box-shadow:4px 4px 4px 4px rgb(106, 64,  
121) }
```

Background

The CSS property to change the background color of an element to YUV 83.0560, 18.7064, 20.1219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 64, 121) }
```

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

```
.background{ background-color: rgb(106, 64,  
121) }
```

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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