

Converting Colors

YUV(47.0560, 18.7064, 20.1219)

Have a look what the booklet for
YUV(47.0560, 18.7064, 20.1219)
contains.

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Color

**YUV(47.0560, 18.7064,
20.1219)**

Conversions

Conversions Part 1

Format	Color
Hex	461C55
RGB	70, 28, 85
RGB Percent	27%, 11%, 33%
CMY	0.7255, 0.8902, 0.6667
CMYK	0.18, 0.67, 0.00, 0.67
HSL	284°, 50%, 22%
HSV	284°, 67%, 33%
XYZ	4.5807, 2.7885, 8.8911
YIQ	47.0560, 6.7350, 26.6310

Conversions

Conversions Part 2

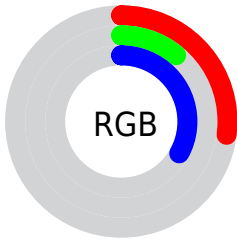
Format	Color
R_{YB}	70, 28, 85
Decimal	4594773
CIE _{Lab}	19.18, 30.34, -26.12
CIE _{LCh}	19, 40.032, 319.271
Yxy	2.7885, 0.2817, 0.1715
Android (android.graphics.Color)	4282784853 (0xFF461C55)
YUV	47.0560, 18.7064, 20.1219
Hunter-Lab	16.6987, 19.7427, -19.8795

Details

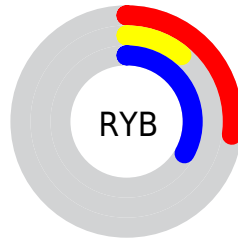
The YUV color **47.0560, 18.7064, 20.1219** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **65.9440, -18.7064, -20.1219**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **95.2950, 19.5746, 21.6663**, and **12.9320, 13.3445, 13.2146** is the 20% darker color. If you saturate the color by 10%, you get **41.7620, 21.3163, 23.0107**, and if you desaturate by 10%, it is **52.9370, 15.8071, 16.7183**.

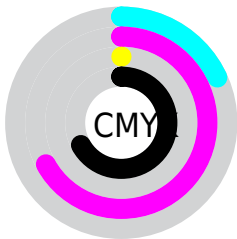
Distribution



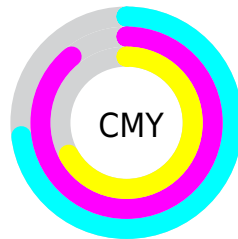
- Red (27%)
- Green (11%)
- Blue (33%)



- Red (27%)
- Yellow (11%)
- Blue (33%)



- Cyan (18%)
- Magenta (67%)
- Yellow (0%)
- Black (67%)



- Cyan (73%)
- Magenta (89%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.0560, 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 47.0560, 18.7064, 20.1219 by changing the saturation by 10% instead.

47.0560, 18.7064,
20.1219

47.0560, 18.7064,
20.1219

255.0000, 0.0000,
0.0000

23.0560, 18.7064,
20.1219

95.2950, 19.5746,
21.6663

12.9320, 13.3445,
13.2146

120.4200, 20.0059,
23.3107

2.5250, 7.1362,
-2.2144

146.9470, 20.7321,
23.7255

0.0000, 0.0000,
0.0000

173.7730, 21.3109,
24.7551

201.1860, 21.6003,
25.2699

226.2370, 14.1802,

25.2252

242.6730, 6.0772,
10.8108

47.0560, 18.7064,
20.1219

47.0560, 18.7064,
20.1219

41.7620, 21.3163,
23.0107

52.9370, 15.8071,
16.7183

35.8810, 24.2157,
26.4144

58.2310, 13.1971,
13.8294

30.2880, 26.9730,
28.6884

63.8240, 10.4398,
11.5554

28.5270, 27.8412,
30.2328

69.7050, 7.5404,
8.1517

75.5860, 4.6411,
4.7481

■ 80.8800, 2.0312,
1.8592

■ 86.4730, -0.7262,
-0.4148

■ 92.3540, -3.6255,
-3.8185

■ 97.6480, -6.2355,
-6.7073

Harmonies

Analogous

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



40.1470, 30.4935, -27.3159



47.0560, 18.7064, 20.1219



39.4030, 9.1683, 46.1276

Triad

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



47.0560, 18.7064, 20.1219



44.1000, -21.7413, 20.0833



42.0430, 11.3178, -36.8717

Complementary

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



47.0560, 18.7064, 20.1219



65.9440, -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.



38.0360, -1.4967, -33.3576



47.0560, 18.7064, 20.1219



42.1960, -20.8026, -1.0489

Square

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



47.0560, 18.7064, 20.1219



41.8620, -20.6380, 39.5860



32.9860, -15.7691, -28.9287



44.4200, 22.9639, -38.9563

Rectangle

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



47.0560, 18.7064, 20.1219



36.9710, 1.0003, 52.6454



32.9860, -15.7691, -28.9287



40.9030, 6.9498, -35.8719

Sweetspot

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



47.0560, 18.7064, 20.1219



95.2920, 7.2510, 7.6369



43.3030, 20.5566, -13.4207



47.4720, 4.2043, 4.8481



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.



47.0560, 18.7064, 20.1219



51.4670, 28.8568, 31.1624



50.0590, 10.8169, 30.6433



40.3530, 1.3050, 1.4444



35.8190, 35.0922, 37.8697



78.5170, 77.1461, 82.8616

Inverse Universe

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



46.7530, -1.8502, 33.5426



50.9340, -2.9255, 51.8009



62.9410, -10.8169, -30.6433



40.3100, -0.1528, 2.3591



35.1850, -3.5422, 62.9818



77.3330, -7.5592, 138.2740

Previews

White Background



This preview shows how the YUV color 47.0560, 18.7064, 20.1219 looks on a white background.

Color Contrast Check

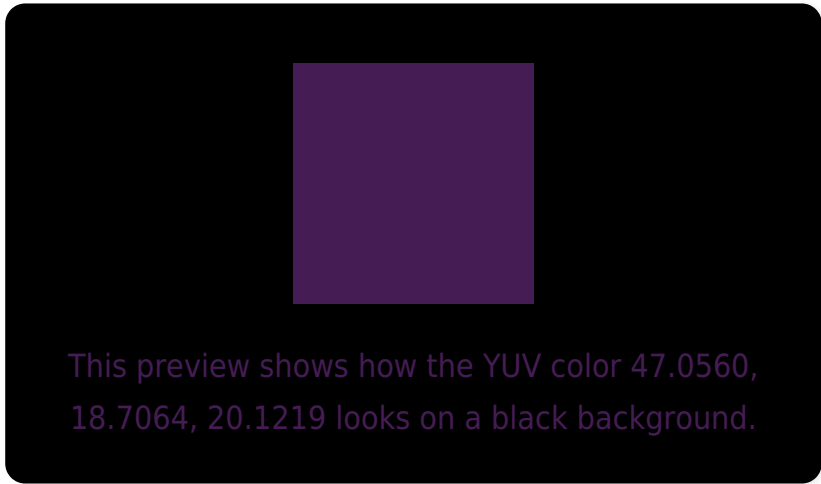
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.0560, 18.7064, 20.1219

Background



This preview shows how black text looks on a background with the YUV color 47.0560, 18.7064, 20.1219.



This preview shows how white text looks on a background with the YUV color 47.0560, 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

47.0560, 18.7064, 20.1219

Protanopia

38.0600, 29.0574, -33.3786

Deuteranopia

43.9880, 18.2469, -19.2835



Tritanopia

48.2190, -2.0800, 13.8399

Trichromacy



Original Color

47.0560, 18.7064, 20.1219

Protanomaly

40.9700, 25.6508, -14.0057

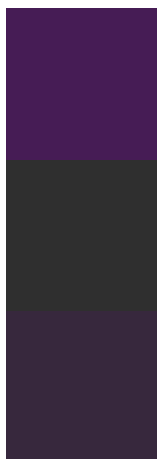
Deuteranomaly

45.0760, 18.2035, -5.3287

Tritanomaly

47.5920, 5.6241, 16.1438

Monochromacy



Original Color

47.0560, 18.7064, 20.1219

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

46.8790, 6.9617, 7.1221

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.0560, 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(70, 28, 85)` looks like.

```
.text, #text, p{  
    color:rgb(70, 28, 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(70, 28, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 28, 85) }
```

Border

The CSS property to change the border of an element to YUV 47.0560, 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(70, 28, 85) }
```


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

```
.border{ border-color:rgb(70, 28, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 28, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 28, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 28, 85);  
box-shadow:4px 4px 4px 4px rgb(70, 28, 85)  
}
```

Background

The CSS property to change the background color of an element to YUV 47.0560, 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(70, 28, 85) }
```

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

```
.background{ background-color: rgb(70, 28,  
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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