

Converting Colors

YUV(41.1870, 20.1208, 33.1620)

Have a look what the booklet for
YUV(41.1870, 20.1208, 33.1620)
contains.

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Color

**YUV(41.1870, 20.1208,
33.1620)**

Conversions

Conversions Part 1

Format	Color
Hex	4F0E52
RGB	79, 14, 82
RGB Percent	31%, 5%, 32%
CMY	0.6902, 0.9451, 0.6784
CMYK	0.04, 0.83, 0.00, 0.68
HSL	297°, 71%, 19%
HSV	297°, 83%, 32%
XYZ	4.9045, 2.5855, 8.2232
YIQ	41.1870, 16.9120, 34.9280

Conversions

Conversions Part 2

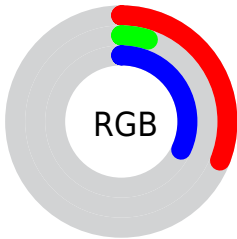
Format	Color
R_YB	79, 14, 82
Decimal	5181010
CIE _{Lab}	18.30, 38.30, -25.40
CIE _{LCh}	18, 45.954, 326.447
Yxy	2.5855, 0.3121, 0.1645
Android (android.graphics.Color)	4283371090 (0xFF4F0E52)
YUV	41.1870, 20.1208, 33.1620
Hunter-Lab	16.0796, 26.3054, -19.0655

Details

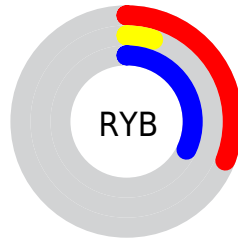
The YUV color **41.1870, 20.1208, 33.1620** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **54.8130, -20.1208, -33.1620**, and the grayscale version is **41.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **92.3720, 19.5366, 33.8768**, and **14.3840, 11.1497, 17.2032** is the 20% darker color. If you saturate the color by 10%, you get **36.4910, 22.4359, 37.2804**, and if you desaturate by 10%, it is **45.8830, 17.8057, 29.0436**.

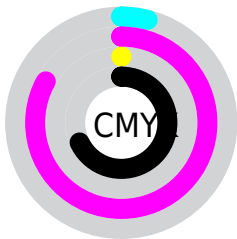
Distribution



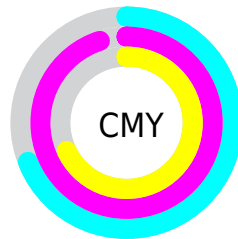
- Red (31%)
- Green (5%)
- Blue (32%)



- Red (31%)
- Yellow (5%)
- Blue (32%)



- Cyan (4%)
- Magenta (83%)
- Yellow (0%)
- Black (68%)



- Cyan (69%)
- Magenta (95%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 41.1870, 20.1208, 33.1620 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 41.1870, 20.1208, 33.1620 by changing the saturation by 10% instead.

41.1870, 20.1208,
33.1620

41.1870, 20.1208,
33.1620

254.4130, 0.2894,
0.5148

22.8720, 17.8111,
27.2993

92.3720, 19.5366,
33.8768

14.3840, 11.1497,
17.2032

118.0840, 19.6786,
35.0063

1.4820, 5.6784,
-1.2997

144.4970, 19.9680,
35.5211

0.0000, 0.0000,
0.0000


171.6220, 20.3994,
37.1655


199.0350, 20.6887,
37.6803


220.9540, 16.7847,


29.8583


 237.3900, 8.6817,
15.4440


 41.1870, 20.1208,
33.1620


 41.1870, 20.1208,
33.1620


 36.4910, 22.4359,
37.2804

 45.8830, 17.8057,
29.0436

 32.6700, 24.3197,
39.7544

 50.8780, 15.3431,
25.5400

 56.1610, 12.7386,
20.9068

 60.8570, 10.4235,
16.7884

 65.8520, 7.9610,
13.2848

■ 70.5480, 5.6458,
9.1664

■ 75.5430, 3.1833,
5.6628

■ 80.8260, 0.5788,
1.0296

■ 85.5220, -1.7363,
-3.0888

Harmonies

Analogous

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



41.4520, 31.3292, -15.3054



41.1870, 20.1208, 33.1620



35.0020, 7.3940, 55.2492

Triad

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



41.1870, 20.1208, 33.1620



42.5940, -20.9988, 15.2651



42.4820, 15.5384, -37.2567

Complementary

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



41.1870, 20.1208, 33.1620



54.8130, -20.1208, -33.1620

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.



38.6060, 0.6872, -33.8575



41.1870, 20.1208, 33.1620



38.0100, -18.7389, -9.6558

Square

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



41.1870, 20.1208, 33.1620



40.3780, -19.9064, 38.2565



32.8720, -16.2059, -28.8287



44.2720, 27.4739, -38.8265

Rectangle

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



41.1870, 20.1208, 33.1620



33.0920, -2.5104, 58.6783



32.8720, -16.2059, -28.8287



41.2280, 10.7336, -36.1570

Sweetspot

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



41.1870, 20.1208, 33.1620



90.8520, 7.9610, 13.2848



23.5130, 28.8341, -8.3429



43.7220, 5.0671, 8.1368



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



41.1870, 20.1208, 33.1620



42.6960, 31.7019, 52.0096



38.5500, 6.1378, 38.1056



38.6520, 1.1576, 2.0592



41.8700, 31.1231, 50.9800



92.8260, 68.6128, 113.2856

Inverse Universe

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



34.6740, -8.7133, 41.5049



32.5630, -13.5886, 65.2812



57.4500, -6.1379, -38.1057



38.1960, -0.5896, 2.4591



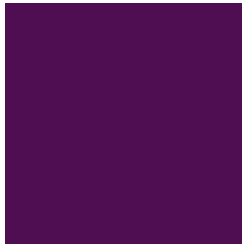
31.9650, -13.2937, 64.0517



70.5080, -29.8304, 141.6285

Previews

White Background



This preview shows how the YUV color 41.1870, 20.1208, 33.1620 looks on a white background.

Color Contrast Check

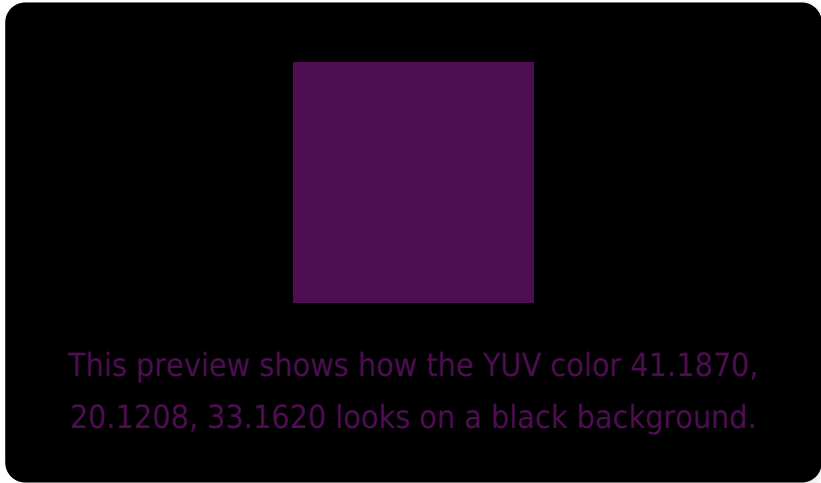
Large Text (above 18pt) WCAG AA ✓ Pass

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

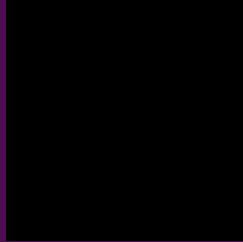
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 41.1870, 20.1208, 33.1620

Background



This preview shows how black text looks on a background with the YUV color 41.1870, 20.1208, 33.1620.



This preview shows how white text looks on a background with the YUV color 41.1870, 20.1208,

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

41.1870, 20.1208, 33.1620

Protanopia

37.3590, 28.9100, -32.7638

Deuteranopia

44.4400, 16.0521, -15.2949



Tritanopia

46.1880, -5.0227, 24.3911

Trichromacy



Original Color

41.1870, 20.1208, 33.1620

Protanomaly

39.0030, 25.6345, -8.7726

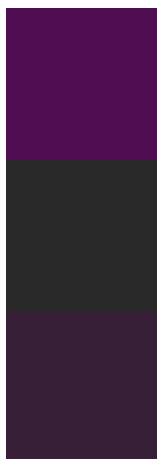
Deuteranomaly

43.3050, 17.5976, 2.3635

Tritanomaly

44.6150, 4.1338, 27.5246

Monochromacy



Original Color

41.1870, 20.1208, 33.1620

Achromatopsia

41.0000, 0.0000, 0.0000

Achromatomaly

41.0260, 7.3822, 12.2552

CSS Examples

Text

The CSS property to change the color of the text to YUV 41.1870, 20.1208, 33.1620 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(79, 14, 82)` looks like.

```
.text, #text, p{  
    color:rgb(79, 14, 82)  
}
```

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(79, 14, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 14, 82) }
```

Border

The CSS property to change the border of an element to YUV 41.1870, 20.1208, 33.1620 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(79, 14, 82) }
```


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

```
.border{ border-color:rgb(79, 14, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 14, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 14, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 14, 82);  
box-shadow:4px 4px 4px 4px rgb(79, 14, 82)  
}
```

Background

The CSS property to change the background color of an element to YUV 41.1870, 20.1208, 33.1620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 14, 82) }
```

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

```
.background{ background-color: rgb(79, 14,  
82) }
```

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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