

Converting Colors

YUV(41.7970, 11.4391, 17.7180)

Have a look what the booklet for
YUV(41.7970, 11.4391, 17.7180)
contains.

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Color

**YUV(41.7970, 11.4391,
17.7180)**

Conversions

Conversions Part 1

Format	Color
Hex	3E1B41
RGB	62, 27, 65
RGB Percent	24%, 11%, 25%
CMY	0.7569, 0.8941, 0.7451
CMYK	0.05, 0.58, 0.00, 0.75
HSL	295°, 41%, 18%
HSV	295°, 58%, 25%
XYZ	3.3327, 2.1897, 5.2480
YIQ	41.7970, 8.6620, 19.2380

Conversions

Conversions Part 2

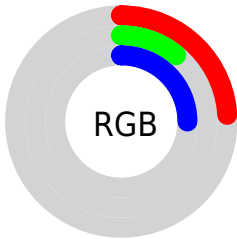
Format	Color
R_{YB}	62, 27, 65
Decimal	4070209
CIE _{Lab}	16.45, 23.77, -16.83
CIE _{LCh}	16, 29.126, 324.697
Yxy	2.1897, 0.3094, 0.2033
Android (android.graphics.Color)	4282260289 (0xFF3E1B41)
YUV	41.7970, 11.4391, 17.7180
Hunter-Lab	14.7975, 14.3060, -10.6693

Details

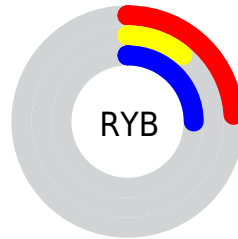
The YUV color **41.7970, 11.4391, 17.7180** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **50.2030, -11.4391, -17.7180**, and the grayscale version is **42.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **88.3350, 12.1598, 19.8772**, and **5.4980, 8.1355, 3.9483** is the 20% darker color. If you saturate the color by 10%, you get **37.9760, 13.3228, 20.1920**, and if you desaturate by 10%, it is **46.2050, 9.2659, 14.7292**.

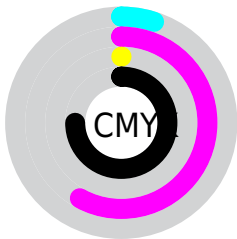
Distribution



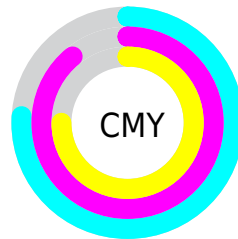
- Red (24%)
- Green (11%)
- Blue (25%)



- Red (24%)
- Yellow (11%)
- Blue (25%)



- Cyan (5%)
- Magenta (58%)
- Yellow (0%)
- Black (75%)



- Cyan (76%)
- Magenta (89%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 41.7970, 11.4391, 17.7180 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 41.7970, 11.4391, 17.7180 by changing the saturation by 10% instead.

■ 41.7970, 11.4391,
17.7180

■ 41.7970, 11.4391,
17.7180

■ 255.0000, 0.0000,
0.0000

■ 19.4980, 11.5865,
17.1033

■ 88.3350, 12.1598,
19.8772

■ 5.4980, 8.1355,
3.9483

■ 113.7480, 12.4492,
20.3920

■ 0.0000, 0.0000,
0.0000

■ 139.1610, 12.7386,
20.9068

■ 165.8730, 12.8806,
22.0364

■ 192.6990, 13.4594,
23.0660

■ 220.8130, 13.8962,

22.9660

240.3250, 7.2348,
12.8700

41.7970, 11.4391,
17.7180

41.7970, 11.4391,
17.7180

37.9760, 13.3228,
20.1920

46.2050, 9.2659,
14.7292

33.8670, 15.3486,
23.7956

49.7270, 7.5296,
11.6404

30.0460, 17.2323,
26.2697

54.1350, 5.3564,
8.6516

25.9370, 19.2581,
29.8733

57.6570, 3.6201,
5.5628

25.3500, 19.5475,
30.3881

62.0650, 1.4470,
2.5740

■ 65.5870, -0.2894,
-0.5148

■ 69.9950, -2.4625,
-3.5036

■ 73.5170, -4.1989,
-6.5924

■ 77.9250, -6.3720,
-9.5812

Harmonies

Analogous

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



40.5920, 18.9351, -6.6582



41.7970, 11.4391, 17.7180



39.0070, 2.9545, 32.4429

Triad

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



41.7970, 11.4391, 17.7180



38.7510, -19.1042, 14.2504



35.9620, 10.8647, -31.5387

Complementary

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



41.7970, 11.4391, 17.7180



50.2030, -11.4391, -17.7180

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.



33.4540, 1.2552, -29.3392



41.7970, 11.4391, 17.7180



36.8800, -18.1818, -1.6488

Square

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



41.7970, 11.4391, 17.7180



38.4690, -17.9792, 26.7757



30.7830, -7.7810, -24.3657



37.1990, 18.1429, -32.6235

Rectangle

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



41.7970, 11.4391, 17.7180



38.5960, -3.7448, 34.5573



30.7830, -7.7810, -24.3657



35.1640, 7.8071, -30.8388

Sweetspot

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



41.7970, 11.4391, 17.7180



74.8960, 4.4883, 7.1072



33.0930, 15.7302, -5.3436



37.7170, 2.6045, 4.6332



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000

Same Dimension

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



41.7970, 11.4391, 17.7180



47.8720, 17.8111, 27.2993



40.8700, 4.0081, 21.1620



31.2390, 0.8682, 1.5444



37.6690, 29.2502, 45.0173



87.4290, 67.3295, 104.8638

Inverse Universe

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



38.7040, -4.2911, 23.0616



43.2110, -6.5130, 35.7720



51.1300, -4.0081, -21.1620



30.8970, -0.4422, 1.8443



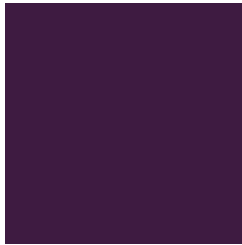
29.9150, -10.8041, 58.8335



69.0280, -25.1568, 135.9104

Previews

White Background



This preview shows how the YUV color 41.7970, 11.4391, 17.7180 looks on a white background.

Color Contrast Check

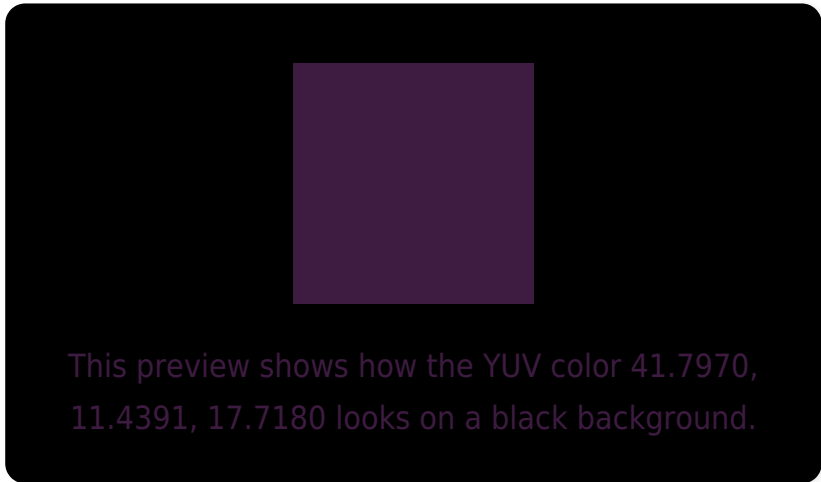
Large Text (above 18pt) WCAG AA ✓ Pass

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

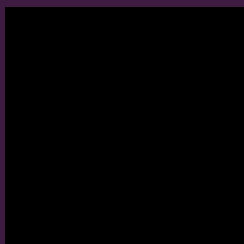
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 41.7970, 11.4391, 17.7180

Background



This preview shows how black text looks on a background with the YUV color 41.7970, 11.4391, 17.7180.



This preview shows how white text looks on a background with the YUV color 41.7970, 11.4391,

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

41.7970, 11.4391, 17.7180

Protanopia

38.8360, 18.8149, -14.7652

Deuteranopia

40.7030, 10.4994, -7.6325



Tritanopia

42.1050, -2.5168, 13.9399

Trichromacy



Original Color

41.7970, 11.4391, 17.7180

Protanomaly

39.9300, 16.3035, -2.5696

Deuteranomaly

41.1710, 10.7617, 1.6040

Tritanomaly

41.7830, 2.5720, 15.0993

Monochromacy



Original Color

41.7970, 11.4391, 17.7180

Achromatopsia

42.0000, 0.0000, 0.0000

Achromatomaly

42.0700, 3.9095, 6.0776

CSS Examples

Text

The CSS property to change the color of the text to YUV 41.7970, 11.4391, 17.7180 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(62, 27, 65)` looks like.

```
.text, #text, p{  
    color:rgb(62, 27, 65)  
}
```

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(62, 27, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 27, 65) }
```

Border

The CSS property to change the border of an element to YUV 41.7970, 11.4391, 17.7180 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(62, 27, 65) }
```


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

```
.border{ border-color:rgb(62, 27, 65) }
```

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

Here you see how a box with a 4 pixel rgb(62, 27, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 27, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 27, 65);  
box-shadow:4px 4px 4px 4px rgb(62, 27, 65)  
}
```

Background

The CSS property to change the background color of an element to YUV 41.7970, 11.4391, 17.7180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 27, 65) }
```

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

```
.background{ background-color: rgb(62, 27,  
65) }
```

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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