

Converting Colors

YUV(17.6420, 3.1345, 21.3620)

Have a look what the booklet for
YUV(17.6420, 3.1345, 21.3620)
contains.

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Color

**YUV(17.6420, 3.1345,
21.3620)**

Conversions

Conversions Part 1

Format	Color
Hex	2A0418
RGB	42, 4, 24
RGB Percent	16%, 2%, 9%
CMY	0.8353, 0.9843, 0.9059
CMYK	0.00, 0.90, 0.43, 0.84
HSL	328°, 83%, 9%
HSV	328°, 90%, 16%
XYZ	1.1631, 0.6450, 0.9274
YIQ	17.6420, 16.2280, 14.2760

Conversions

Conversions Part 2

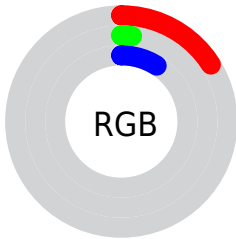
Format	Color
R_{YB}	42, 4, 24
Decimal	2753560
CIE Lab	5.83, 21.14, -3.22
CIE LCh	6, 21.386, 351.344
Yxy	0.6450, 0.4252, 0.2358
Android (android.graphics.Color)	4280943640 (0xFF2A0418)
YUV	17.6420, 3.1345, 21.3620
Hunter-Lab	8.0313, 11.7963, -1.2241

Details

The YUV color **17.6420, 3.1345, 21.3620** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **28.3580, -3.1345, -21.3620**, and the grayscale version is **18.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **63.0120, 1.9661, 22.7915**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **15.0660, 3.4185, 23.6211**, and if you desaturate by 10%, it is **20.2180, 2.8505, 19.1028**.

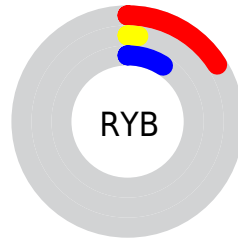
Distribution



Red (16%)

Green (2%)

Blue (9%)



Red (16%)

Yellow (2%)

Blue (9%)

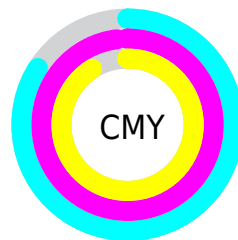


Cyan (0%)

Magenta (90%)

Yellow (43%)

Black (84%)



Cyan (84%)

Magenta (98%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 17.6420, 3.1345, 21.3620 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 17.6420, 3.1345, 21.3620 by changing the saturation by 10% instead.

■ 17.6420, 3.1345,
21.3620

■ 17.6420, 3.1345,
21.3620

■ 239.1680, 5.3402,
13.8847

■ 2.3920, -1.1793,
4.9182

■ 63.0120, 1.9661,
22.7915

■ 0.0000, 0.0000,
0.0000

■ 86.6100, 1.6713,
24.0210


■ 111.2080, 1.3765,
25.2506


■ 136.9200, 1.5184,
26.3802


■ 163.5180, 1.2236,
27.6097


■ 190.2300, 1.3656,


28.7393

 218.5290, 1.2182,
29.3541


 17.6420, 3.1345,
21.3620

 17.6420, 3.1345,
21.3620


 15.0660, 3.4185,
23.6211

 20.2180, 2.8505,
19.1028

 22.7940, 2.5666,
16.8437

 25.9570, 1.9932,
14.0697

 28.5330, 1.7092,
11.8106

 31.1090, 1.4253,
9.5514

■ 33.6850, 1.1413,
7.2923

■ 36.2610, 0.8573,
5.0331

■ 39.4240, 0.2840,
2.2592

■ 42.0000, 0.0000,
0.0000

Harmonies

Analogous

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



19.0690, 8.8400, 11.3405



17.6420, 3.1345, 21.3620



16.1450, -6.4805, 25.3058

Triad

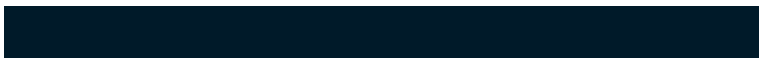
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



17.6420, 3.1345, 21.3620



16.5020, -8.1355, -3.9483



19.9360, 10.3846, -17.4839

Complementary

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



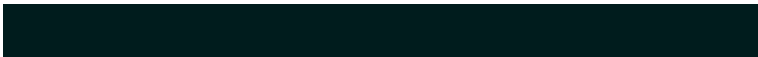
17.6420, 3.1345, 21.3620



28.3580, -3.1345, -21.3620

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.



19.7420, 4.5642, -17.3137



17.6420, 3.1345, 21.3620



15.2620, -7.5242, -13.3848

Square

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



17.6420, 3.1345, 21.3620



18.6500, -9.1944, 9.0770



17.8040, -2.8614, -15.6141



18.2720, 14.1629, -16.0245

Rectangle

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



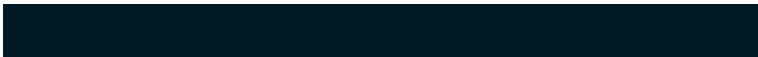
17.6420, 3.1345, 21.3620



16.6670, -8.2168, 22.2170



17.8040, -2.8614, -15.6141



20.0670, 8.3480, -17.5988

Sweetspot

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



17.6420, 3.1345, 21.3620



44.3970, 1.2833, 8.4218



13.7140, 13.9450, 7.2668



22.2610, 0.8573, 5.0331



156.0000, 0.0000, 0.0000



28.0000, 0.0000, 0.0000

Same Dimension

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



17.6420, 3.1345, 21.3620



19.3380, 4.2704, 30.3986



15.4760, -5.1647, 23.2615



18.7120, 0.1420, 1.1296



30.1320, 6.8369, 47.2422



76.0420, 17.2343, 119.2352

Inverse Universe

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



17.6420, 3.1345, 21.3620



19.3380, 4.2704, 30.3986



30.5240, 5.1647, -23.2615



18.7120, 0.1420, 1.1296



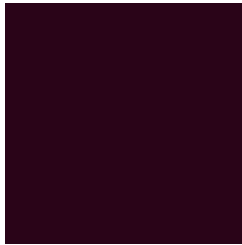
30.1320, 6.8369, 47.2422



76.0420, 17.2343, 119.2352

Previews

White Background



This preview shows how the YUV color 17.6420, 3.1345, 21.3620 looks on a white background.

Color Contrast Check

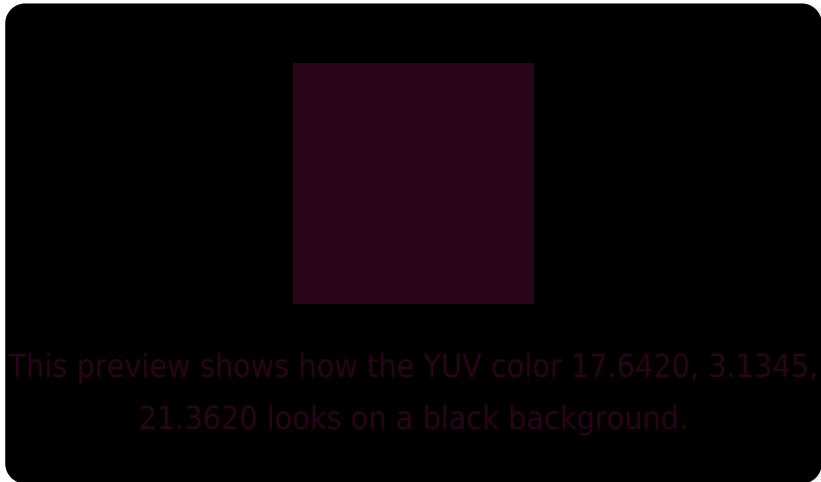
Large Text (above 18pt) WCAG AA ✓ Pass

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

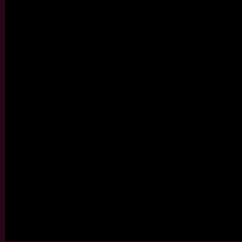
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 17.6420, 3.1345, 21.3620

Background



This preview shows how black text looks on a background with the YUV color 17.6420, 3.1345, 21.3620.



This preview shows how white text looks on a background with the YUV color 17.6420, 3.1345,

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

17.6420, 3.1345, 21.3620

Protanopia

22.1720, 5.8312, -3.6588

Deuteranopia

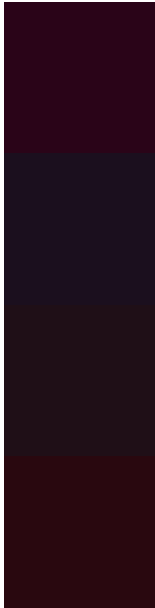
22.5980, -0.2948, 1.2296



Tritanopia

19.2690, -4.5696, 19.0581

Trichromacy



Original Color

17.6420, 3.1345, 21.3620

Protanomaly

20.2980, 4.7831, 5.8777

Deuteranomaly

20.6960, 1.1359, 9.0366

Tritanomaly

18.6650, -1.8068, 19.5878

Monochromacy



Original Color

17.6420, 3.1345, 21.3620

Achromatopsia

18.0000, 0.0000, 0.0000

Achromatomaly

17.9840, 0.9939, 7.9070

CSS Examples

Text

The CSS property to change the color of the text to YUV 17.6420, 3.1345, 21.3620 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(42, 4, 24)` looks like.

```
.text, #text, p{  
    color:rgb(42, 4, 24)  
}
```

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(42, 4, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 4, 24) }
```

Border

The CSS property to change the border of an element to YUV 17.6420, 3.1345, 21.3620 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(42, 4, 24) }
```


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

```
.border{ border-color:rgb(42, 4, 24) }
```

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

Here you see how a box with a 4 pixel rgb(42, 4, 24) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 4, 24); -webkit-box-shadow:4px  
4px 4px 4px rgb(42, 4, 24); box-shadow:4px  
4px 4px 4px rgb(42, 4, 24) }
```

Background

The CSS property to change the background color of an element to YUV 17.6420, 3.1345, 21.3620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 4, 24) }
```

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

```
.background{ background-color: rgb(42, 4,  
24) }
```

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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