

Converting Colors

YUV(21.4010, 5.2253, 4.0333)

Have a look what the booklet for
YUV(21.4010, 5.2253, 4.0333)
contains.

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Color

**YUV(21.4010, 5.2253,
4.0333)**

Conversions

Conversions Part 1

Format	Color
Hex	1A1120
RGB	26, 17, 32
RGB Percent	10%, 7%, 13%
CMY	0.8980, 0.9333, 0.8745
CMYK	0.19, 0.47, 0.00, 0.87
HSL	276°, 31%, 10%
HSV	276°, 47%, 13%
XYZ	0.8872, 0.7248, 1.4596
YIQ	21.4010, 0.5490, 6.5730

Conversions

Conversions Part 2

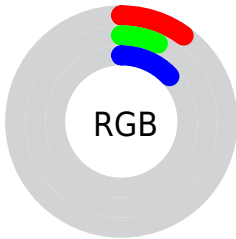
Format	Color
RYB	26, 17, 32
Decimal	1708320
CIELab	6.55, 8.09, -8.64
CIELCh	7, 11.833, 313.127
Yxy	0.7248, 0.2888, 0.2360
Android (android.graphics.Color)	4279898400 (0xFF1A1120)
YUV	21.4010, 5.2253, 4.0333
Hunter-Lab	8.5135, 3.7023, -4.2059

Details

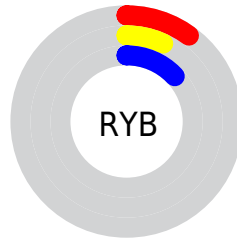
The YUV color **21.4010, 5.2253, 4.0333** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **27.5990, -5.2253, -4.0333**, and the grayscale version is **21.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **63.9280, 5.9515, 4.4481**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **19.3410, 6.2409, 4.9629**, and if you desaturate by 10%, it is **23.4610, 4.2097, 3.1037**.

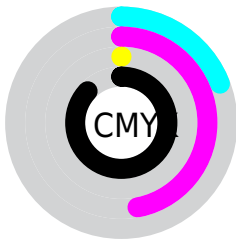
Distribution



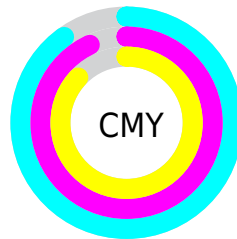
- Red (10%)
- Green (7%)
- Blue (13%)



- Red (10%)
- Yellow (7%)
- Blue (13%)



- Cyan (19%)
- Magenta (47%)
- Yellow (0%)
- Black (87%)



- Cyan (90%)
- Magenta (93%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 21.4010, 5.2253, 4.0333 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 21.4010, 5.2253, 4.0333 by changing the saturation by 10% instead.

■ 21.4010, 5.2253,
4.0333

■ 21.4010, 5.2253,
4.0333

■ 246.4830, 4.1989,
6.5924

■ 0.7980, 3.0576,
-0.6998

■ 63.9280, 5.9515,
4.4481

■ 0.0000, 0.0000,
0.0000

■ 87.3410, 6.2409,
4.9629

■ 111.4550, 6.6777,
4.8630

■ 137.4550, 6.6777,
4.8630

■ 163.7540, 6.5303,
5.4777

■ 190.8680, 6.9671,

5.3778

■ 218.2810, 7.2565,
5.8926

■ 21.4010, 5.2253,
4.0333

■ 21.4010, 5.2253,
4.0333

■ 19.3410, 6.2409,
4.9629

■ 23.4610, 4.2097,
3.1037

■ 16.9820, 7.4039,
5.2778

■ 25.8200, 3.0467,
2.7889

■ 14.3350, 8.7088,
6.7222

■ 28.4670, 1.7418,
1.3444

■ 12.2750, 9.7244,
7.6518

■ 30.5270, 0.7262,
0.4148

■ 10.2150, 10.7400,
8.5814

■ 32.5870, -0.2894,
-0.5148

■ 9.3290, 11.1768,
8.4815

■ 34.9460, -1.4524,
-0.8296

■ 37.0060, -2.4680,
-1.7593

■ 39.6530, -3.7729,
-3.2037

■ 42.0120, -4.9359,
-3.5185

Harmonies

Analogous

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



20.3290, 7.7258, -4.6735



21.4010, 5.2253, 4.0333



21.5220, 1.7147, 10.0662

Triad

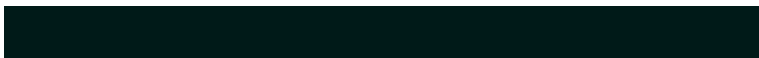
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



21.4010, 5.2253, 4.0333



19.8350, -9.7787, 9.7917



17.9980, 2.9590, -15.7842

Complementary

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



21.4010, 5.2253, 4.0333



27.5990, -5.2253, -4.0333

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.



16.2710, -1.1196, -14.2697



21.4010, 5.2253, 4.0333



19.5030, -9.6150, 3.9439

Square

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



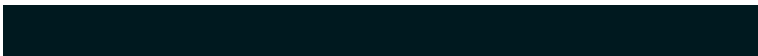
21.4010, 5.2253, 4.0333



19.8400, -7.3161, 13.2953



18.2030, -7.9881, -4.5630



18.2090, 6.3060, -15.9693

Rectangle

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



21.4010, 5.2253, 4.0333



20.9630, -0.4748, 12.3104



18.2030, -7.9881, -4.5630



17.6560, 1.6486, -15.4843

Sweetspot

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



21.4010, 5.2253, 4.0333



36.8800, 2.0312, 1.8592



22.2320, 4.8156, -4.5885



17.9400, 1.0156, 0.9296



148.0000, 0.0000, 0.0000



20.0000, 0.0000, 0.0000

Same Dimension

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



21.4010, 5.2253, 4.0333



24.8080, 7.9827, 6.3074



23.0810, 3.9041, 7.8220



14.4130, 0.2894, 0.5148



23.0590, 27.5789, 20.9963



60.6740, 72.1387, 55.5369

Inverse Universe

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



22.1690, 0.4097, 8.6218



25.9030, 0.5408, 13.2401



25.9190, -3.9041, -7.8220



14.2990, -0.1474, 0.6148



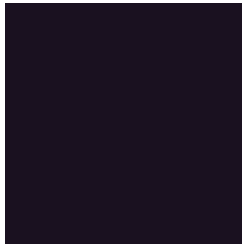
27.2690, 2.3324, 45.3681



71.3550, 5.7410, 118.9607

Previews

White Background



This preview shows how the YUV color 21.4010, 5.2253, 4.0333 looks on a white background.

Color Contrast Check

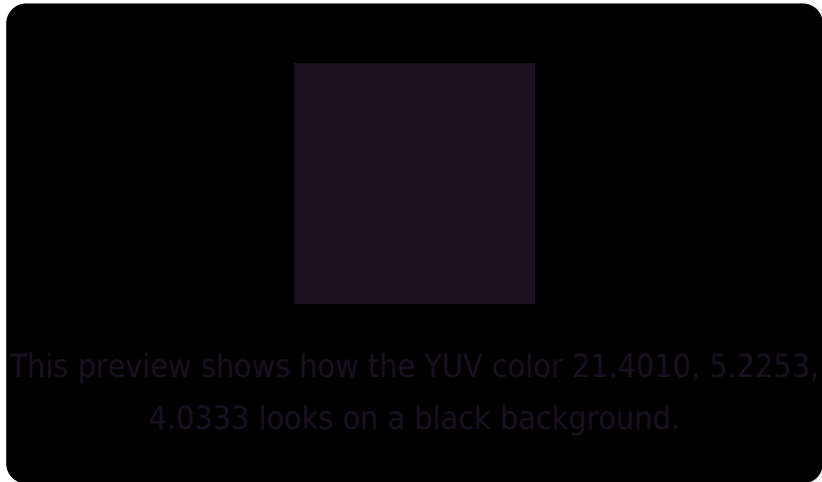
Large Text (above 18pt) WCAG AA ✓ Pass

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

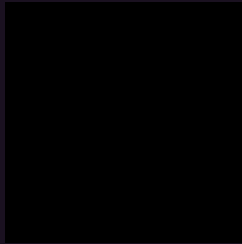
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 21.4010, 5.2253, 4.0333

Background



This preview shows how black text looks on a background with the YUV color 21.4010, 5.2253, 4.0333.



This preview shows how white text looks on a background with the YUV color 21.4010, 5.2253,

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

21.4010, 5.2253, 4.0333

Protanopia

20.2150, 7.2890, -4.5736

Deuteranopia

20.6450, 5.1050, -4.0737



Tritanopia

21.3100, -0.1528, 2.3591

Trichromacy



Original Color

21.4010, 5.2253, 4.0333

Protanomaly

20.7100, 6.5520, -1.4997

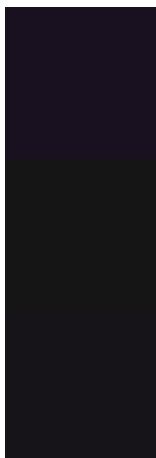
Deuteranomaly

21.2540, 4.8048, -1.0998

Tritanomaly

21.4780, 1.7363, 3.0888

Monochromacy



Original Color

21.4010, 5.2253, 4.0333

Achromatopsia

21.0000, 0.0000, 0.0000

Achromatomaly

21.4670, 1.7418, 1.3444

CSS Examples

Text

The CSS property to change the color of the text to YUV 21.4010, 5.2253, 4.0333 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(26, 17, 32)` looks like.

```
.text, #text, p{  
  color:rgb(26, 17, 32)  
}
```

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(26, 17, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 17, 32) }
```

Border

The CSS property to change the border of an element to YUV 21.4010, 5.2253, 4.0333 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(26, 17, 32) }
```


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

```
.border{ border-color:rgb(26, 17, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 17, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 17, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 17, 32);  
box-shadow:4px 4px 4px 4px rgb(26, 17, 32)  
}
```

Background

The CSS property to change the background color of an element to YUV 21.4010, 5.2253, 4.0333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 17, 32) }
```

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

```
.background{ background-color: rgb(26, 17,  
32) }
```

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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