

Converting Colors

YUV(21.2620, 19.5908, 16.4332)

Have a look what the booklet for
YUV(21.2620, 19.5908, 16.4332)
contains.

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Color

**YUV(21.2620, 19.5908,
16.4332)**

Conversions

Conversions Part 1

Format	Color
Hex	28043D
RGB	40, 4, 61
RGB Percent	16%, 2%, 24%
CMY	0.8431, 0.9843, 0.7608
CMYK	0.34, 0.93, 0.00, 0.76
HSL	278°, 88%, 13%
HSV	278°, 93%, 24%
XYZ	1.7608, 0.8749, 4.4909
YIQ	21.2620, 3.1590, 25.3590

Conversions

Conversions Part 2

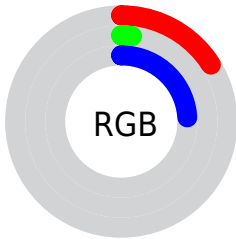
Format	Color
R _Y B	40, 4, 61
Decimal	2622525
CIE Lab	7.90, 29.27, -27.89
CIE LCh	8, 40.431, 316.384
Yxy	0.8749, 0.2471, 0.1228
Android (android.graphics.Color)	4280812605 (0xFF28043D)
YUV	21.2620, 19.5908, 16.4332
Hunter-Lab	9.3535, 17.2342, -21.9199

Details

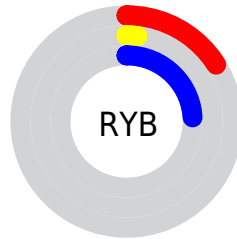
The YUV color **21.2620, 19.5908, 16.4332** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **43.7380, -19.5908, -16.4332**, and the grayscale version is **21.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **67.5010, 20.4590, 17.9776**, and **2.4110, 6.6994, -2.1144** is the 20% darker color. If you saturate the color by 10%, you get **18.6150, 20.8958, 17.8776**, and if you desaturate by 10%, it is **25.3820, 17.5597, 14.5740**.

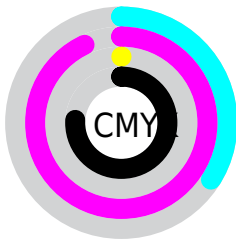
Distribution



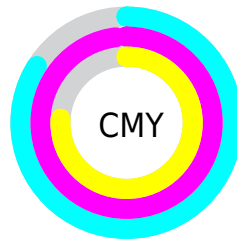
- Red (16%)
- Green (2%)
- Blue (24%)



- Red (16%)
- Yellow (2%)
- Blue (24%)



- Cyan (34%)
- Magenta (93%)
- Yellow (0%)
- Black (76%)



- Cyan (84%)
- Magenta (98%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 21.2620, 19.5908, 16.4332 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 21.2620, 19.5908, 16.4332 by changing the saturation by 10% instead.

■ 21.2620, 19.5908,
16.4332

■ 21.2620, 19.5908,
16.4332

■ 240.9120, 6.9454,
12.3552

■ 10.1270, 14.2344,
7.7816

■ 67.5010, 20.4590,
17.9776

■ 2.4110, 6.6994,
-2.1144

■ 92.3270, 21.0378,
19.0072

■ 0.0000, 0.0000,
0.0000

■ 117.1530, 21.6166,
20.0368


■ 142.9790, 22.1954,
21.0664


■ 170.0930, 22.6322,
20.9664


■ 197.3320, 23.5003,


22.5108


 223.5790, 15.4906,
24.9252


 21.2620, 19.5908,
16.4332


 21.2620, 19.5908,
16.4332


 18.6150, 20.8958,
17.8776

 25.3820, 17.5597,
14.5740

 29.5020, 15.5285,
12.7147

 33.9210, 13.3499,
11.4703

 38.0410, 11.3188,
9.6110

 42.1610, 9.2876,
7.7518

■ 46.8680, 6.9671,
5.3778

■ 51.2870, 4.7885,
4.1333

■ 55.4070, 2.7573,
2.2741

■ 59.5270, 0.7262,
0.4148

Harmonies

Analogous

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



21.5780, 26.8300, -18.9239



21.2620, 19.5908, 16.4332



22.7560, 7.0223, 34.4170

Triad

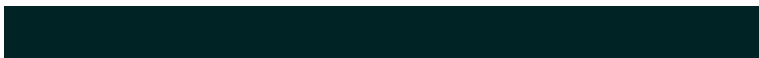
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



21.2620, 19.5908, 16.4332



22.5260, -11.1053, 15.3247



25.4640, 6.1802, -22.3319

Complementary

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



21.2620, 19.5908, 16.4332



43.7380, -19.5908, -16.4332

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.



21.0010, -8.3815, -18.4179



21.2620, 19.5908, 16.4332



20.0350, -9.8773, -5.2927

Square

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



21.2620, 19.5908, 16.4332



17.3420, -8.5496, 35.6571



19.3710, -9.5499, -16.9884



27.6130, 16.9528, -24.2166

Rectangle

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



21.2620, 19.5908, 16.4332



22.0850, -2.0139, 39.3905



19.3710, -9.5499, -16.9884



23.8510, 2.5385, -20.9173

Sweetspot

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



21.2620, 19.5908, 16.4332



63.6940, 7.5459, 6.4074



23.4120, 18.5309, -17.0243



31.2870, 4.7885, 4.1333



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



21.2620, 19.5908, 16.4332



23.9560, 27.1367, 22.8406



26.7430, 13.4377, 30.0434



28.6410, 1.1630, 0.3148



28.6560, 32.2146, 27.4887



67.1680, 76.3322, 63.8737

Inverse Universe

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



23.4370, 0.7706, 32.9428



26.9270, 1.0220, 45.6680



38.2570, -13.4377, -30.0434



29.0110, -0.0054, 1.7444



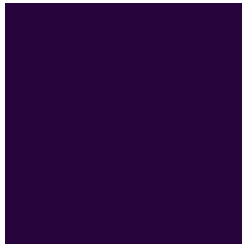
32.0960, 1.4317, 54.2898



75.7260, 3.0931, 128.2823

Previews

White Background



This preview shows how the YUV color 21.2620, 19.5908, 16.4332 looks on a white background.

Color Contrast Check

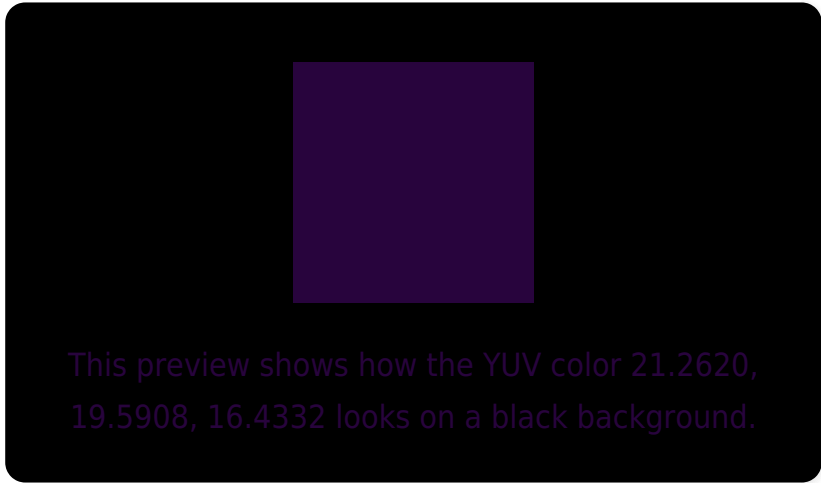
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.2620, 19.5908, 16.4332

Background



This preview shows how black text looks on a background with the YUV color 21.2620, 19.5908, 16.4332.



This preview shows how white text looks on a background with the YUV color 21.2620, 19.5908,

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

21.2620, 19.5908, 16.4332

Protanopia

21.4180, 16.0629, -18.7836

Deuteranopia

21.2070, 12.7159, -18.5985



Tritanopia

26.9190, -0.4531, 5.3330

Trichromacy



Original Color

21.2620, 19.5908, 16.4332

Protanomaly

21.5490, 17.4773, -5.7435

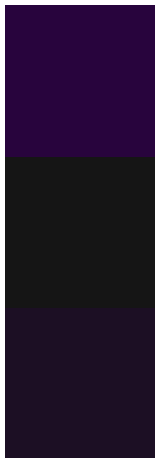
Deuteranomaly

21.5660, 15.0040, -5.7584

Tritanomaly

25.1890, 6.8088, 9.4812

Monochromacy



Original Color

21.2620, 19.5908, 16.4332

Achromatopsia

21.0000, 0.0000, 0.0000

Achromatomaly

21.2810, 7.2565, 5.8926

CSS Examples

Text

The CSS property to change the color of the text to YUV 21.2620, 19.5908, 16.4332 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(40, 4, 61)` looks like.

```
.text, #text, p{  
    color:rgb(40, 4, 61)  
}
```

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(40, 4, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 4, 61) }
```

Border

The CSS property to change the border of an element to YUV 21.2620, 19.5908, 16.4332 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(40, 4, 61) }
```


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

```
.border{ border-color:rgb(40, 4, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 4, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 4, 61); -webkit-box-shadow:4px  
4px 4px 4px rgb(40, 4, 61); box-shadow:4px  
4px 4px 4px rgb(40, 4, 61) }
```

Background

The CSS property to change the background color of an element to YUV 21.2620, 19.5908, 16.4332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 4, 61) }
```

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

```
.background{ background-color: rgb(40, 4,  
61) }
```

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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