

Converting Colors

YUV(24.0830, 21.1581, 27.1142)

Have a look what the booklet for
YUV(24.0830, 21.1581, 27.1142)
contains.

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Color

**YUV(24.0830, 21.1581,
27.1142)**

Conversions

Conversions Part 1

Format	Color
Hex	370043
RGB	55, 0, 67
RGB Percent	22%, 0%, 26%
CMY	0.7843, 1.0000, 0.7373
CMYK	0.18, 1.00, 0.00, 0.74
HSL	289°, 100%, 13%
HSV	289°, 100%, 26%
XYZ	2.5887, 1.2175, 5.4087
YIQ	24.0830, 11.2730, 32.4970

Conversions

Conversions Part 2

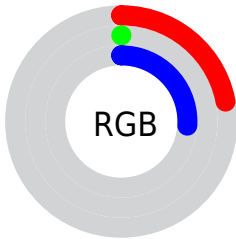
Format	Color
R_{YB}	55, 0, 67
Decimal	3604547
CIE _{Lab}	10.69, 35.41, -27.51
CIE _{LCh}	11, 44.842, 322.156
Yxy	1.2175, 0.2809, 0.1321
Android (android.graphics.Color)	4281794627 (0xFF370043)
YUV	24.0830, 21.1581, 27.1142
Hunter-Lab	11.0339, 22.5685, -21.3398




Details

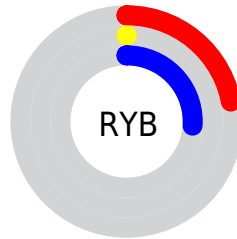
The YUV color **24.0830, 21.1581, 27.1142** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **42.9170, -21.1581, -27.1142**, and the grayscale version is **24.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **73.9690, 20.7213, 27.2142**, and **3.2090, 9.7570, -2.8143** is the 20% darker color. If you saturate the color by 10%, you get **24.0830, 21.1581, 27.1142**, and if you desaturate by 10%, it is **28.4910, 18.9849, 24.1254**.

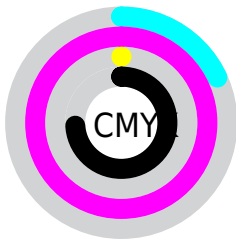
Distribution







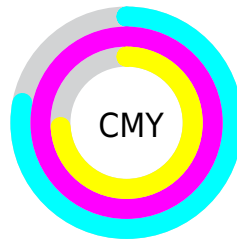
-  Red (22%)
-  Green (0%)
-  Blue (26%)






-  Red (22%)
-  Yellow (0%)
-  Blue (26%)



-  Cyan (18%)
-  Magenta (100%)
-  Yellow (0%)
-  Black (74%)



-  Cyan (78%)
-  Magenta (100%)
-  Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 24.0830, 21.1581, 27.1142 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 24.0830, 21.1581, 27.1142 by changing the saturation by 10% instead.

■ 24.0830, 21.1581,
27.1142

■ 24.0830, 21.1581,
27.1142

■ 243.2600, 5.7878,
10.2960

■ 15.5950, 14.4967,
17.0182

■ 73.9690, 20.7213,
27.2142

■ 3.2090, 9.7570,
-2.8143

■ 98.6810, 20.8633,
28.3438

■ 0.0000, 0.0000,
0.0000

■ 124.5070, 21.4420,
29.3734

■ 150.9200, 21.7314,
29.8882

■ 178.0450, 22.1628,
31.5325

■ 205.5720, 22.8890,

31.9474

■ 226.2370, 14.1802,
25.2252

■ 24.0830, 21.1581,
27.1142

■ 28.4910, 18.9849,
24.1254

■ 32.3120, 17.1012,
21.6514

■ 37.0190, 14.7806,
19.2773

■ 41.4270, 12.6075,
16.2885

■ 45.8350, 10.4343,
13.2997

■ 49.6560, 8.5506,
10.8257

■ 54.0640, 6.3774,
7.8369

■ 58.7710, 4.0569,
5.4628

■ 62.5920, 2.1731,
2.9888

Harmonies

Analogous

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



24.5930, 30.7667, -21.5681



24.0830, 21.1581, 27.1142



27.0560, 5.3954, 42.9239

Triad

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



24.0830, 21.1581, 27.1142



27.8310, -13.7207, 14.1802



30.4680, 10.1223, -26.7204

Complementary

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



24.0830, 21.1581, 27.1142



42.9170, -21.1581, -27.1142

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.



26.8200, -3.8553, -23.5211



24.0830, 21.1581, 27.1142



24.1440, -11.9030, -8.8963

Square

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



24.0830, 21.1581, 27.1142



22.3700, -11.0284, 37.3865



22.8930, -11.2862, -20.0772



32.3720, 22.4946, -28.3902

Rectangle

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



24.0830, 21.1581, 27.1142



25.3740, -3.6354, 46.1530



22.8930, -11.2862, -20.0772



29.3280, 5.7543, -25.7207

Sweetspot

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



24.0830, 21.1581, 27.1142



70.2430, 8.2612, 10.3109



14.6820, 25.7928, -12.8761



33.5970, 4.6357, 6.4924



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.



24.0830, 21.1581, 27.1142



31.1470, 27.5355, 34.9511



25.2770, 10.2164, 36.5911



31.2390, 0.8682, 1.5444



34.9780, 30.5768, 39.4843



80.5520, 70.7199, 90.7239

Inverse Universe

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



21.4010, -4.6347, 39.9903



27.8370, -5.8356, 51.8860



41.7230, -10.2164, -36.5911



30.8970, -0.4422, 1.8443



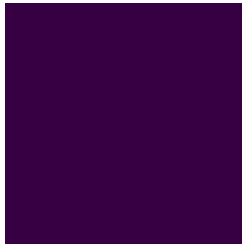
30.9410, -6.8729, 57.9337



71.5360, -15.5472, 133.7109

Previews

White Background



This preview shows how the YUV color 24.0830, 21.1581, 27.1142 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

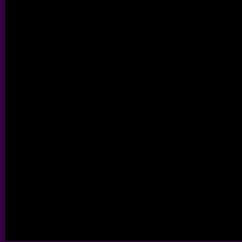
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 24.0830, 21.1581, 27.1142

Background



This preview shows how black text looks on a background with the YUV color 24.0830, 21.1581, 27.1142.



This preview shows how white text looks on a background with the YUV color 24.0830, 21.1581,

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



Protanopia

26.5360, 20.4418, -23.2721

Deuteranopia

26.7980, 16.3686, -23.5018

Tritanopia

33.4040, -2.6642, 14.5547

Trichromacy



Protanomaly

25.4720, 20.9663, -4.7989

Deuteranomaly

26.0760, 18.2035, -5.3287

Tritanomaly

30.3150, 5.7607, 19.0177

Monochromacy



Achromatopsia

24.0000, 0.0000, 0.0000

Achromatomaly

23.8300, 7.9718, 9.7961

CSS Examples

Text

The CSS property to change the color of the text to YUV 24.0830, 21.1581, 27.1142 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(55, 0, 67)` looks like.

```
.text, #text, p{  
    color:rgb(55, 0, 67)  
}
```

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(55, 0, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 0, 67) }
```

Border

The CSS property to change the border of an element to YUV 24.0830, 21.1581, 27.1142 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(55, 0, 67) }
```

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

```
.border{ border-color:rgb(55, 0, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 0, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 0, 67); -webkit-box-shadow:4px  
4px 4px 4px rgb(55, 0, 67); box-shadow:4px  
4px 4px 4px rgb(55, 0, 67) }
```


Background

The CSS property to change the background color of an element to YUV 24.0830, 21.1581, 27.1142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 0, 67) }
```

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

```
.background{ background-color: rgb(55, 0,  
67) }
```

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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