

Converting Colors

YUV(27.6570, 20.3821, -4.0842)

Have a look what the booklet for
YUV(27.6570, 20.3821, -4.0842)
contains.

YUV(27.6570, 20.3821, -4.0842)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	30

Color

**YUV(27.6570, 20.3821,
-4.0842)**

Conversions

Conversions Part 1

Format	Color
Hex	171645
RGB	23, 22, 69
RGB Percent	9%, 9%, 27%
CMY	0.9098, 0.9137, 0.7294
CMYK	0.67, 0.68, 0.00, 0.73
HSL	241°, 52%, 18%
HSV	241°, 68%, 27%
XYZ	1.7144, 1.1856, 5.7687
YIQ	27.6570, -14.4910, 14.8290

Conversions

Conversions Part 2

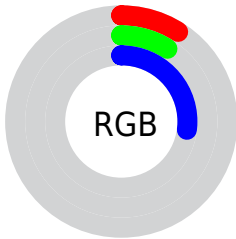
Format	Color
R_{YB}	23, 22, 69
Decimal	1513029
CIE _{Lab}	10.45, 17.12, -29.51
CIE _{LCh}	10, 34.115, 300.112
Yxy	1.1856, 0.1978, 0.1368
Android (android.graphics.Color)	4279703109 (0xFF171645)
YUV	27.6570, 20.3821, -4.0842
Hunter-Lab	10.8887, 9.0496, -23.7889

Details

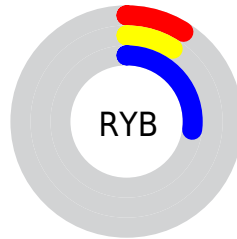
The YUV color **27.6570, 20.3821, -4.0842** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **63.3430, -20.3821, 4.0842**, and the grayscale version is **27.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **73.1350, 22.1184, -0.9954**, and **3.4370, 10.6306, -3.0142** is the 20% darker color. If you saturate the color by 10%, you get **21.4550, 23.4397, -4.7840**, and if you desaturate by 10%, it is **33.8590, 17.3245, -3.3843**.

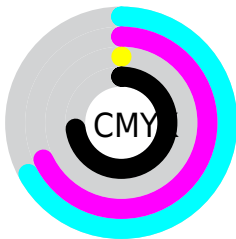
Distribution



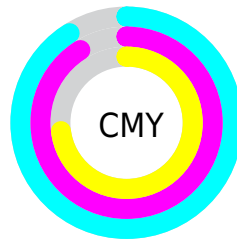
- Red (9%)
- Green (9%)
- Blue (27%)



- Red (9%)
- Yellow (9%)
- Blue (27%)



- Cyan (67%)
- Magenta (68%)
- Yellow (0%)
- Black (73%)



- Cyan (91%)
- Magenta (91%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 27.6570, 20.3821, -4.0842 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 27.6570, 20.3821, -4.0842 by changing the saturation by 10% instead.

■ 27.6570, 20.3821,
-4.0842

■ 27.6570, 20.3821,
-4.0842

■ 250.8910, 2.0257,
3.6036

■ 6.5540, 19.9399,
-2.2399

■ 73.1350, 22.1184,
-0.9954

■ 3.4370, 10.6306,
-3.0142

■ 97.0750, 23.1340,
-0.0658

■ 0.0000, 0.0000,
0.0000

■ 121.9010, 23.7128,
0.9638

■ 148.1290, 24.5864,
0.7639

■ 174.6560, 25.3126,
1.1787

■ 202.1830, 26.0388,

1.5935

■ 227.2900, 13.6610,
5.0077

■ 27.6570, 20.3821,
-4.0842

■ 27.6570, 20.3821,
-4.0842

■ 21.4550, 23.4397,
-4.7840

■ 33.8590, 17.3245,
-3.3843

■ 15.2530, 26.4973,
-5.4839

■ 40.0610, 14.2669,
-2.6845

■ 9.3500, 29.4074,
-5.5690

■ 45.9640, 11.3567,
-2.5994

■ 8.1650, 29.9917,
-6.2837

■ 52.1660, 8.2992,
-1.8996

■ 57.7810, 5.5310,
-0.6849

■ 63.9830, 2.4734,
0.0149

■ 69.8860, -0.4368,
0.1000

■ 76.0880, -3.4944,
0.7998

■ 82.2900, -6.5520,
1.4997

Harmonies

Analogous

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



27.3340, 23.4993, -23.9719



27.6570, 20.3821, -4.0842



25.8950, 12.8698, 25.5251

Triad

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



27.6570, 20.3821, -4.0842



26.1250, -12.8796, 24.4464



26.0850, 0.9441, -22.8765

Complementary

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



27.6570, 20.3821, -4.0842



63.3430, -20.3821, 4.0842

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.



21.7190, -10.7075, -19.0476



27.6570, 20.3821, -4.0842



27.4990, -13.5570, 8.3324

Square

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



27.6570, 20.3821, -4.0842



20.9080, -10.3076, 39.5457



23.8450, -11.7556, -9.5111



28.7070, 10.9904, -25.1760

Rectangle

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



27.6570, 20.3821, -4.0842



23.3540, 6.7275, 35.6465



23.8450, -11.7556, -9.5111



25.0590, -2.9871, -21.9767

Sweetspot

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



27.6570, 20.3821, -4.0842



73.3510, 7.7150, -1.1848



54.3600, 7.2175, -28.3797



36.2540, 4.8048, -1.0998



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



27.6570, 20.3821, -4.0842



24.9200, 31.5914, -6.0688



34.5340, 16.9917, 10.0557



32.4560, 1.7472, -0.3999



11.8840, 42.9482, -8.6683



27.3730, 98.4161, -19.6211

Inverse Universe

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



41.2970, 13.1646, 24.2955



46.0350, 20.6887, 37.6803



56.4660, -16.9917, -10.0557



33.6520, 1.1576, 2.0592



40.6590, 27.7761, 51.1651



93.1810, 63.5078, 117.3593

Previews

White Background



This preview shows how the YUV color 27.6570, 20.3821, -4.0842 looks on a white background.

Color Contrast Check

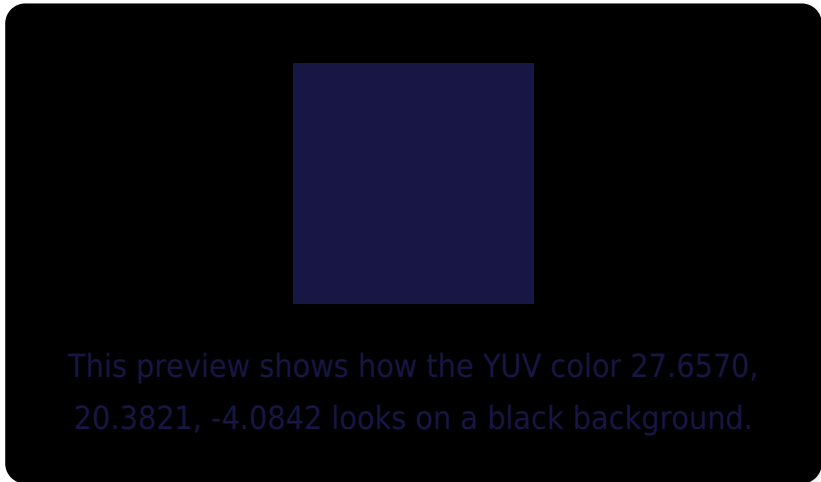
Large Text (above 18pt) WCAG AA ✓ Pass

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

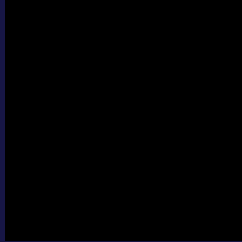
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 27.6570, 20.3821, -4.0842

Background



This preview shows how black text looks on a background with the YUV color 27.6570, 20.3821, -4.0842.



This preview shows how white text looks on a background with the YUV color 27.6570, 20.3821,

-4.0842.

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

27.6570, 20.3821, -4.0842

Protanopia

23.1620, 17.6681, -20.3131

Tritanopia

22.7740, 6.0274, -19.9728

Trichromacy



Original Color

27.6570, 20.3821, -4.0842

Protanomaly

24.8360, 18.8149, -14.7652

Tritanomaly

24.1860, 11.2473, -14.1951

Monochromacy



Original Color

27.6570, 20.3821, -4.0842

Achromatopsia

28.0000, 0.0000, 0.0000

Achromatomaly

27.9380, 7.4256, -1.6996

CSS Examples

Text

The CSS property to change the color of the text to YUV 27.6570, 20.3821, -4.0842 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(23, 22, 69)` looks like.

```
.text, #text, p{  
    color:rgb(23, 22, 69)  
}
```

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(23, 22, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 22, 69) }
```

Border

The CSS property to change the border of an element to YUV 27.6570, 20.3821, -4.0842 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(23, 22, 69) }
```

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

```
.border{ border-color:rgb(23, 22, 69) }
```

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

Here you see how a box with a 4 pixel rgb(23, 22, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 22, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 22, 69);  
box-shadow:4px 4px 4px 4px rgb(23, 22, 69)  
}
```


Background

The CSS property to change the background color of an element to YUV 27.6570, 20.3821, -4.0842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 22, 69) }
```

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

```
.background{ background-color: rgb(23, 22,  
69) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor