

Converting Colors

YUV(27.4620, 2.7302, 10.9958)

Have a look what the booklet for
YUV(27.4620, 2.7302, 10.9958)
contains.

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Color

**YUV(27.4620, 2.7302,
10.9958)**

Conversions

Conversions Part 1

Format	Color
Hex	281421
RGB	40, 20, 33
RGB Percent	16%, 8%, 13%
CMY	0.8431, 0.9216, 0.8706
CMYK	0.00, 0.50, 0.18, 0.84
HSL	321°, 33%, 12%
HSV	321°, 50%, 16%
XYZ	1.3997, 1.0612, 1.5699
YIQ	27.4620, 7.7470, 8.2830

Conversions

Conversions Part 2

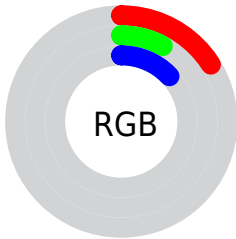
Format	Color
RYB	40, 20, 33
Decimal	2626593
CIELab	9.49, 12.68, -4.73
CIElCh	9, 13.533, 339.554
Yxy	1.0612, 0.3473, 0.2633
Android (android.graphics.Color)	4280816673 (0xFF281421)
YUV	27.4620, 2.7302, 10.9958
Hunter-Lab	10.3016, 6.2260, -1.8243

Details

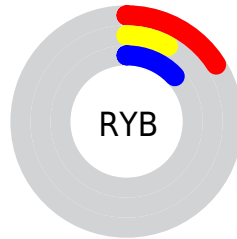
The YUV color **27.4620, 2.7302, 10.9958** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **32.5380, -2.7302, -10.9958**, and the grayscale version is **27.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **71.4730, 2.7248, 12.7402**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **25.0000, 3.4510, 13.1550**, and if you desaturate by 10%, it is **29.9240, 2.0095, 8.8367**.

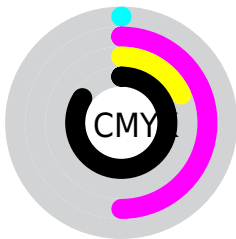
Distribution



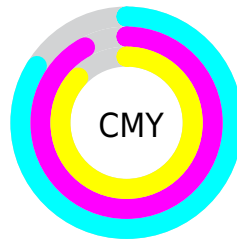
- Red (16%)
- Green (8%)
- Blue (13%)



- Red (16%)
- Yellow (8%)
- Blue (13%)



- Cyan (0%)
- Magenta (50%)
- Yellow (18%)
- Black (84%)



- Cyan (84%)
- Magenta (92%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 27.4620, 2.7302, 10.9958 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 27.4620, 2.7302, 10.9958 by changing the saturation by 10% instead.

■ 27.4620, 2.7302,
10.9958

■ 27.4620, 2.7302,
10.9958

■ 249.7170, 2.6045,
4.6332

■ 7.1200, 1.4198,
11.2958

■ 71.4730, 2.7248,
12.7402

■ 0.0000, 0.0000,
0.0000

■ 94.8860, 3.0142,
13.2550

■ 120.1850, 2.8668,
13.8698


■ 145.5980, 3.1562,
14.3846

■ 172.0110, 3.4456,
14.8994


■ 199.3100, 3.2982,


15.5141


 227.6090, 3.1508,
16.1289


 27.4620, 2.7302,
10.9958


 27.4620, 2.7302,
10.9958


 25.0000, 3.4510,
13.1550

 29.9240, 2.0095,
8.8367


 22.4240, 3.7350,
15.4142

 32.5000, 1.7255,
6.5775


 19.9620, 4.4557,
17.5733

 34.9620, 1.0047,
4.4183

 17.3860, 4.7397,
19.8325

 37.5380, 0.7208,
2.1592

 14.9240, 5.4605,
21.9917

 40.0000, 0.0000,
0.0000

■ 42.4620, -0.7208,
-2.1592

■ 45.0380, -1.0047,
-4.4183

■ 47.5000, -1.7255,
-6.5775

■ 50.0760, -2.0095,
-8.8367

Harmonies

Analogous

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



27.3300, 6.2463, 3.2186



27.4620, 2.7302, 10.9958



27.0450, -1.5012, 14.8695

Triad

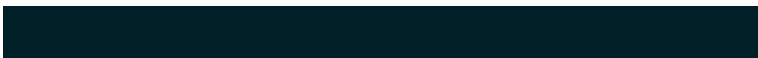
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



27.4620, 2.7302, 10.9958



25.3460, -11.5096, 4.9586



22.5290, 7.6272, -19.7579

Complementary

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



27.4620, 2.7302, 10.9958



32.5380, -2.7302, -10.9958

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.



21.5030, 3.6960, -18.8581



27.4620, 2.7302, 10.9958



24.0290, -7.4093, -3.5334

Square

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



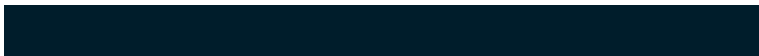
27.4620, 2.7302, 10.9958



25.9060, -10.7997, 10.6064



22.2710, -1.1196, -14.2697



21.9250, 10.3900, -19.2282

Rectangle

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



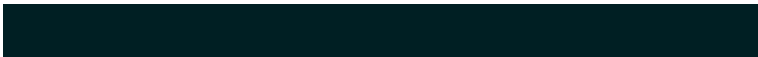
27.4620, 2.7302, 10.9958



26.5350, -4.7008, 14.4398



22.2710, -1.1196, -14.2697



22.1870, 6.3168, -19.4580

Sweetspot

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



27.4620, 2.7302, 10.9958



45.9620, 1.0047, 4.4183



24.3730, 7.7041, 2.3039



22.8370, 0.5734, 2.7740



153.0000, 0.0000, 0.0000



26.0000, 0.0000, 0.0000

Same Dimension

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



27.4620, 2.7302, 10.9958



31.5490, 4.1663, 17.0585



26.3220, -1.6377, 11.9956



18.8260, 0.5788, 1.0296



31.3860, 11.6417, 46.1425



79.1200, 29.0278, 116.5358

Inverse Universe

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



27.4620, 2.7302, 10.9958



31.5490, 4.1663, 17.0585



33.6780, 1.6377, -11.9956



18.8260, 0.5788, 1.0296



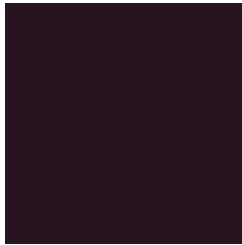
31.3860, 11.6417, 46.1425



79.1200, 29.0278, 116.5358

Previews

White Background



This preview shows how the YUV color 27.4620, 2.7302, 10.9958 looks on a white background.

Color Contrast Check

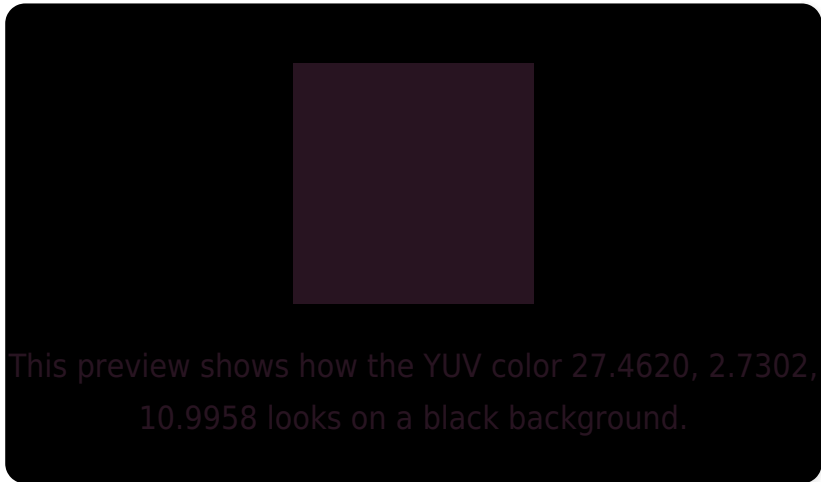
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.4620, 2.7302, 10.9958

Background



This preview shows how black text looks on a background with the YUV color 27.4620, 2.7302, 10.9958.



This preview shows how white text looks on a background with the YUV color 27.4620, 2.7302,

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

27.4620, 2.7302, 10.9958

Protanopia

27.3570, 5.2470, -2.9441

Deuteranopia

26.9830, 2.4734, 0.0149



Tritanopia

27.3110, -1.6323, 10.2513

Trichromacy



Original Color

27.4620, 2.7302, 10.9958

Protanomaly

27.1620, 4.3571, 2.4889

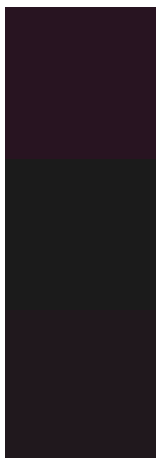
Deuteranomaly

27.3040, 2.3151, 4.1184

Tritanomaly

27.0660, -0.0325, 10.4661

Monochromacy



Original Color

27.4620, 2.7302, 10.9958

Achromatopsia

27.0000, 0.0000, 0.0000

Achromatomaly

26.9620, 1.0047, 4.4183

CSS Examples

Text

The CSS property to change the color of the text to YUV 27.4620, 2.7302, 10.9958 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, 20, 33)` looks like.

```
.text, #text, p{  
    color:rgb(40, 20, 33)  
}
```

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, 20, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 20, 33) }
```

Border

The CSS property to change the border of an element to YUV 27.4620, 2.7302, 10.9958 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, 20, 33) }
```


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

```
.border{ border-color:rgb(40, 20, 33) }
```

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

Here you see how a box with a 4 pixel rgb(40, 20, 33) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 20, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 20, 33);  
box-shadow:4px 4px 4px 4px rgb(40, 20, 33)  
}
```

Background

The CSS property to change the background color of an element to YUV 27.4620, 2.7302, 10.9958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 20, 33) }
```

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

```
.background{ background-color: rgb(40, 20,  
33) }
```

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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