

Converting Colors

YUV(27.2070, 2.8559, 17.3585)

Have a look what the booklet for
YUV(27.2070, 2.8559, 17.3585)
contains.

YUV(27.2070, 2.8559, 17.3585)	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>	31

Color

**YUV(27.2070, 2.8559,
17.3585)**

Conversions

Conversions Part 1

Format	Color
Hex	2F1021
RGB	47, 16, 33
RGB Percent	18%, 6%, 13%
CMY	0.8157, 0.9373, 0.8706
CMYK	0.00, 0.66, 0.30, 0.82
HSL	327°, 49%, 12%
HSV	327°, 66%, 18%
XYZ	1.6321, 1.0847, 1.5622
YIQ	27.2070, 13.0190, 11.8590

Conversions

Conversions Part 2

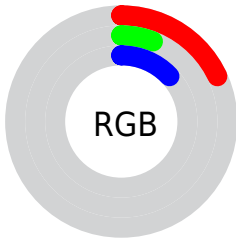
Format	Color
R_YB	47, 16, 33
Decimal	3084321
CIE Lab	9.68, 18.31, -4.33
CIE LCh	10, 18.817, 346.710
Yxy	1.0847, 0.3814, 0.2535
Android (android.graphics.Color)	4281274401 (0xFF2F1021)
YUV	27.2070, 2.8559, 17.3585
Hunter-Lab	10.4150, 9.7457, -1.6027

Details

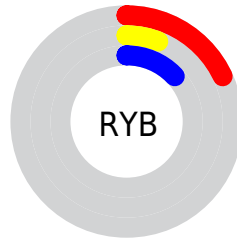
The YUV color **27.2070, 2.8559, 17.3585** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **35.7930, -2.8559, -17.3585**, and the grayscale version is **27.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **71.5170, 2.7031, 19.7176**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **24.0440, 3.4293, 20.1324**, and if you desaturate by 10%, it is **30.3700, 2.2826, 14.5845**.

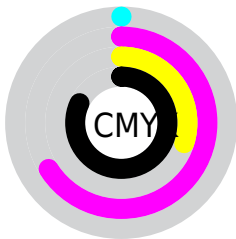
Distribution



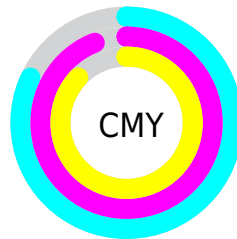
- Red (18%)
- Green (6%)
- Blue (13%)



- Red (18%)
- Yellow (6%)
- Blue (13%)



- Cyan (0%)
- Magenta (66%)
- Yellow (30%)
- Black (82%)



- Cyan (82%)
- Magenta (94%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 27.2070, 2.8559, 17.3585 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 27.2070, 2.8559, 17.3585 by changing the saturation by 10% instead.

■ 27.2070, 2.8559,
17.3585

■ 27.2070, 2.8559,
17.3585

■ 247.3690, 3.7621,
6.6924

■ 9.8110, 0.0932,
16.8288

■ 71.5170, 2.7031,
19.7176

■ 0.0000, 0.0000,
0.0000

■ 96.1150, 2.4083,
20.9471

■ 120.8270, 2.5503,
22.0767

■ 146.8270, 2.5503,
22.0767

■ 173.5390, 2.6923,
23.2063

■ 200.8380, 2.5449,

23.8211

■ 228.5390, 2.6923,
23.2063

■ 27.2070, 2.8559,
17.3585

■ 27.2070, 2.8559,
17.3585

■ 24.0440, 3.4293,
20.1324

■ 30.3700, 2.2826,
14.5845

■ 21.4680, 3.7133,
22.3916

■ 32.9460, 1.9986,
12.3254

■ 18.3050, 4.2866,
25.1655

■ 36.1090, 1.4253,
9.5514

■ 17.0170, 4.4286,
26.2951

■ 39.2720, 0.8519,
6.7775

■ 42.5490, 0.7153,
3.9035

■ 45.1250, 0.4314,
1.6444

■ 48.2880, -0.1420,
-1.1296

■ 51.4510, -0.7153,
-3.9035

■ 54.0270, -0.9993,
-6.1627

Harmonies

Analogous

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



27.5200, 8.1246, 7.4370



27.2070, 2.8559, 17.3585



26.0350, -2.9753, 21.0173

Triad

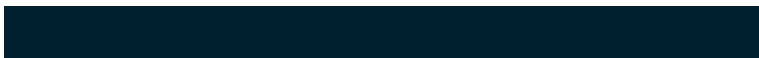
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



27.2070, 2.8559, 17.3585



25.1070, -12.3778, 3.4142



23.9140, 10.3954, -20.9726

Complementary

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



27.2070, 2.8559, 17.3585



35.7930, -2.8559, -17.3585

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.



23.2470, 5.3012, -20.3876



27.2070, 2.8559, 17.3585



22.4260, -9.5770, -8.2666

Square

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



27.2070, 2.8559, 17.3585



26.0480, -12.8417, 12.2359



21.6510, -0.8139, -18.9879



23.4240, 13.5950, -20.5428

Rectangle

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



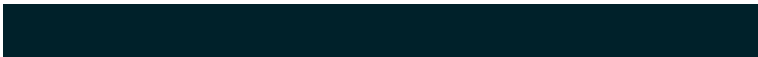
27.2070, 2.8559, 17.3585



26.2430, -8.5008, 19.9579



21.6510, -0.8139, -18.9879



24.1590, 8.7956, -21.1874

Sweetspot

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



27.2070, 2.8559, 17.3585



53.3860, 1.2887, 6.6775



23.7200, 11.4770, 5.5076



25.8480, 0.5679, 4.5183



158.0000, 0.0000, 0.0000



31.0000, 0.0000, 0.0000

Same Dimension

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



27.2070, 2.8559, 17.3585



30.3160, 4.2812, 26.9099



25.4970, -3.6960, 18.8581



21.7120, 0.1420, 1.1296



31.4850, 8.1419, 48.6867



77.3240, 19.5603, 119.8649

Inverse Universe

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



27.2070, 2.8559, 17.3585



30.3160, 4.2812, 26.9099



37.5030, 3.6960, -18.8581



21.7120, 0.1420, 1.1296



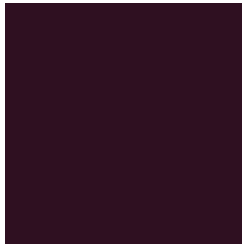
31.4850, 8.1419, 48.6867



77.3240, 19.5603, 119.8649

Previews

White Background



This preview shows how the YUV color 27.2070, 2.8559, 17.3585 looks on a white background.

Color Contrast Check

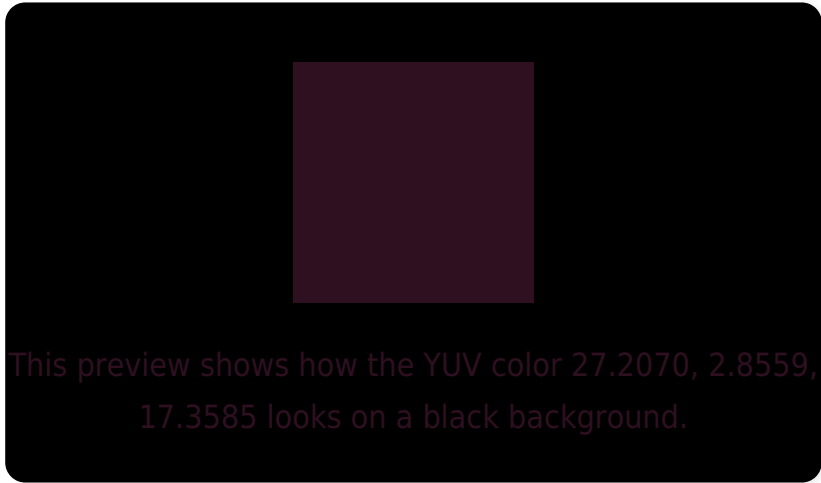
Large Text (above 18pt) WCAG AA ✓ Pass

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

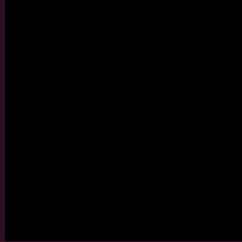
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 27.2070, 2.8559, 17.3585

Background



This preview shows how black text looks on a background with the YUV color 27.2070, 2.8559, 17.3585.



This preview shows how white text looks on a background with the YUV color 27.2070, 2.8559,

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

27.2070, 2.8559, 17.3585

Protanopia

28.2860, 6.2680, -3.7588

Deuteranopia

28.0540, 1.4524, 0.8296



Tritanopia

27.1870, -3.5432, 16.4990

Trichromacy



Original Color

27.2070, 2.8559, 17.3585

Protanomaly

27.9880, 4.9359, 3.5185

Deuteranomaly

27.9130, 2.0149, 7.0923

Tritanomaly

27.1700, -1.0698, 16.5139

Monochromacy



Original Color

27.2070, 2.8559, 17.3585

Achromatopsia

27.0000, 0.0000, 0.0000

Achromatomaly

26.9730, 0.9993, 6.1627

CSS Examples

Text

The CSS property to change the color of the text to YUV 27.2070, 2.8559, 17.3585 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(47, 16, 33)` looks like.

```
.text, #text, p{  
    color:rgb(47, 16, 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(47, 16, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 16, 33) }
```

Border

The CSS property to change the border of an element to YUV 27.2070, 2.8559, 17.3585 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(47, 16, 33) }
```


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

```
.border{ border-color:rgb(47, 16, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 16, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 16, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 16, 33);  
box-shadow:4px 4px 4px 4px rgb(47, 16, 33)  
}
```

Background

The CSS property to change the background color of an element to YUV 27.2070, 2.8559, 17.3585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 16, 33) }
```

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

```
.background{ background-color: rgb(47, 16,  
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](#).

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