

Converting Colors

YUV(28.1020, 5.3727, 3.4185)

Have a look what the booklet for
YUV(28.1020, 5.3727, 3.4185)
contains.

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Color

**YUV(28.1020, 5.3727,
3.4185)**

Conversions

Conversions Part 1

Format	Color
Hex	201827
RGB	32, 24, 39
RGB Percent	13%, 9%, 15%
CMY	0.8745, 0.9059, 0.8471
CMYK	0.18, 0.38, 0.00, 0.85
HSL	272°, 24%, 12%
HSV	272°, 38%, 15%
XYZ	1.2885, 1.1068, 2.0652
YIQ	28.1020, -0.0470, 6.3610

Conversions

Conversions Part 2

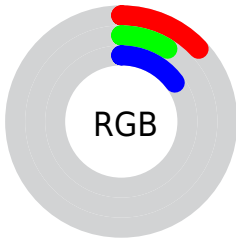
Format	Color
RYB	32, 24, 39
Decimal	2103335
CIELab	9.85, 7.79, -8.77
CIElCh	10, 11.729, 311.636
Yxy	1.1068, 0.2889, 0.2481
Android (android.graphics.Color)	4280293415 (0xFF201827)
YUV	28.1020, 5.3727, 3.4185
Hunter-Lab	10.5206, 3.4507, -4.2742

Details

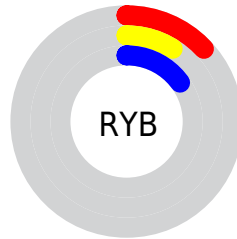
The YUV color **28.1020, 5.3727, 3.4185** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **34.8980, -5.3727, -3.4185**, and the grayscale version is **28.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **71.6290, 6.0989, 3.8334**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **25.1560, 6.8251, 4.2482**, and if you desaturate by 10%, it is **31.0480, 3.9203, 2.5889**.

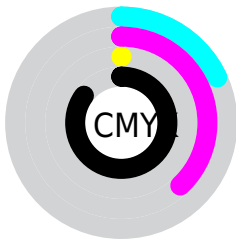
Distribution



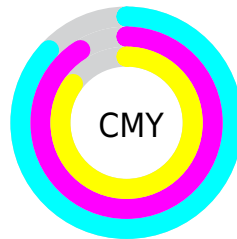
- Red (13%)
- Green (9%)
- Blue (15%)



- Red (13%)
- Yellow (9%)
- Blue (15%)



- Cyan (18%)
- Magenta (38%)
- Yellow (0%)
- Black (85%)



- Cyan (87%)
- Magenta (91%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 28.1020, 5.3727, 3.4185 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 28.1020, 5.3727, 3.4185 by changing the saturation by 10% instead.

■ 28.1020, 5.3727,
3.4185

■ 28.1020, 5.3727,
3.4185

■ 252.0650, 1.4470,
2.5740

■ 4.8570, 6.9725,
3.6334

■ 71.6290, 6.0989,
3.8334

■ 0.0000, 0.0000,
0.0000

■ 95.0420, 6.3883,
4.3482

■ 120.0420, 6.3883,
4.3482

■ 145.5690, 7.1145,
4.7630

■ 172.5690, 7.1145,
4.7630

■ 199.5690, 7.1145,

4.7630

■ 227.9820, 7.4039,
5.2778

■ 28.1020, 5.3727,
3.4185

■ 28.1020, 5.3727,
3.4185

■ 25.1560, 6.8251,
4.2482

■ 31.0480, 3.9203,
2.5889

■ 22.2100, 8.2775,
5.0778

■ 33.9940, 2.4680,
1.7593

■ 19.5630, 9.5824,
6.5222

■ 36.6410, 1.1630,
0.3148

■ 16.6170, 11.0348,
7.3519

■ 39.5870, -0.2894,
-0.5148

■ 13.6710, 12.4872,
8.1815

■ 42.5330, -1.7418,
-1.3444

■ 11.3120, 13.6502,
8.4964

■ 44.8920, -2.9048,
-1.6593

■ 10.7250, 13.9396,
9.0112

■ 47.8380, -4.3571,
-2.4889

■ 50.7840, -5.8095,
-3.3186

■ 53.4310, -7.1145,
-4.7630

Harmonies

Analogous

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



27.0300, 7.8732, -5.2883



28.1020, 5.3727, 3.4185



28.2230, 1.8621, 9.4514

Triad

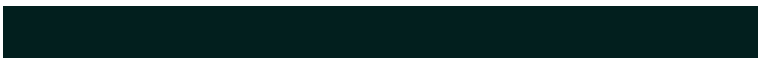
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



28.1020, 5.3727, 3.4185



26.7640, -8.7577, 8.9770



22.2150, 3.8380, -17.7286

Complementary

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



28.1020, 5.3727, 3.4185



34.8980, -5.3727, -3.4185

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.



23.6950, -0.8356, -12.0105



28.1020, 5.3727, 3.4185



26.3180, -9.0308, 3.2291

Square

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



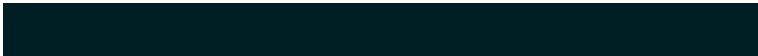
28.1020, 5.3727, 3.4185



26.9970, -5.4215, 12.2806



25.4850, -5.6621, -3.9333



22.4150, 7.1904, -19.6580

Rectangle

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



28.1020, 5.3727, 3.4185



27.9630, -0.4748, 12.3104



25.4850, -5.6621, -3.9333



22.4710, 2.2328, -16.1991

Sweetspot

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



28.1020, 5.3727, 3.4185



46.5810, 2.1786, 1.2445



29.8190, 4.5262, -5.1033



23.0540, 1.4524, 0.8296



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.



28.1020, 5.3727, 3.4185



34.2100, 8.2775, 5.0778



30.1950, 4.3409, 7.7220



18.5270, 0.7262, 0.4148



23.0310, 30.0577, 19.2668



57.9550, 75.9442, 48.2745

Inverse Universe

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



29.2830, 0.8465, 8.5218



36.0170, 0.9776, 13.1401



32.8050, -4.3409, -7.7220



18.7120, 0.1420, 1.1296



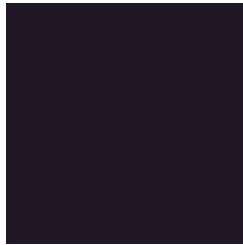
29.5620, 4.6529, 47.7421



74.6740, 11.9927, 120.4349

Previews

White Background



This preview shows how the YUV color 28.1020, 5.3727, 3.4185 looks on a white background.

Color Contrast Check

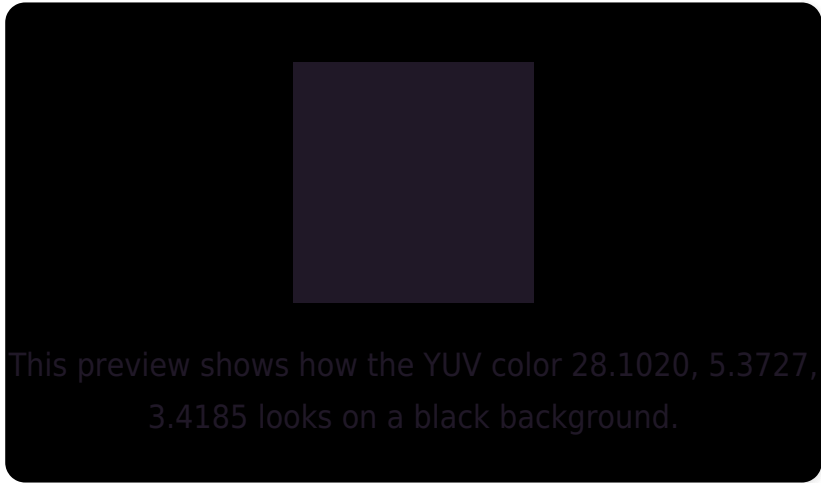
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.1020, 5.3727, 3.4185

Background



This preview shows how black text looks on a background with the YUV color 28.1020, 5.3727, 3.4185.

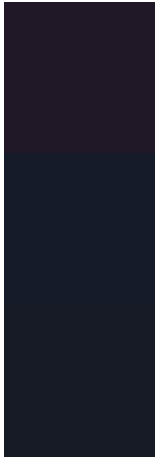


This preview shows how white text looks on a background with the YUV color 28.1020, 5.3727,

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

28.1020, 5.3727, 3.4185

Protanopia

27.1010, 6.8522, -4.4736

Deuteranopia

27.0580, 5.3944, -3.5589



Tritanopia

27.4240, 0.2840, 2.2592

Trichromacy



Original Color

28.1020, 5.3727, 3.4185

Protanomaly

27.5960, 6.1152, -1.3997

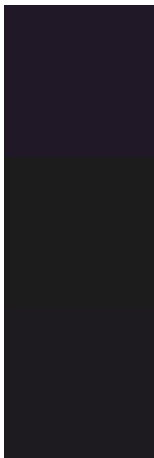
Deuteranomaly

27.3680, 5.2416, -1.1997

Tritanomaly

27.5920, 2.1731, 2.9888

Monochromacy



Original Color

28.1020, 5.3727, 3.4185

Achromatopsia

28.0000, 0.0000, 0.0000

Achromatomaly

28.1680, 1.8892, 0.7297

CSS Examples

Text

The CSS property to change the color of the text to YUV 28.1020, 5.3727, 3.4185 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(32, 24, 39)` looks like.

```
.text, #text, p{  
    color:rgb(32, 24, 39)  
}
```

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(32, 24, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 24, 39) }
```

Border

The CSS property to change the border of an element to YUV 28.1020, 5.3727, 3.4185 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(32, 24, 39) }
```


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

```
.border{ border-color:rgb(32, 24, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 24, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 24, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 24, 39);  
box-shadow:4px 4px 4px 4px rgb(32, 24, 39)  
}
```

Background

The CSS property to change the background color of an element to YUV 28.1020, 5.3727, 3.4185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 24, 39) }
```

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

```
.background{ background-color: rgb(32, 24,  
39) }
```

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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