

Converting Colors

YUV(42.1020, 5.3727, 3.4185)

Have a look what the booklet for
YUV(42.1020, 5.3727, 3.4185)
contains.

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Color

**YUV(42.1020, 5.3727,
3.4185)**

Conversions

Conversions Part 1

Format	Color
Hex	2E2635
RGB	46, 38, 53
RGB Percent	18%, 15%, 21%
CMY	0.8196, 0.8510, 0.7922
CMYK	0.13, 0.28, 0.00, 0.79
HSL	272°, 16%, 18%
HSV	272°, 28%, 21%
XYZ	2.4624, 2.2241, 3.6677
YIQ	42.1020, -0.0470, 6.3610

Conversions

Conversions Part 2

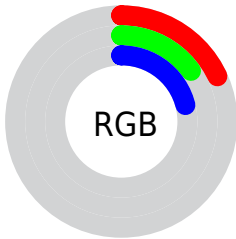
Format	Color
R_{YB}	46, 38, 53
Decimal	3024437
CIE Lab	16.62, 7.34, -8.35
CIE LCh	17, 11.113, 311.317
Yxy	2.2241, 0.2948, 0.2662
Android (android.graphics.Color)	4281214517 (0xFF2E2635)
YUV	42.1020, 5.3727, 3.4185
Hunter-Lab	14.9135, 3.3744, -4.1418

Details

The YUV color **42.1020, 5.3727, 3.4185** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **48.8980, -5.3727, -3.4185**, and the grayscale version is **42.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **87.6290, 6.0989, 3.8334**, and **0.6840, 2.6208, -0.5999** is the 20% darker color. If you saturate the color by 10%, you get **38.5690, 7.1145, 4.7630**, and if you desaturate by 10%, it is **45.6350, 3.6309, 2.0741**.

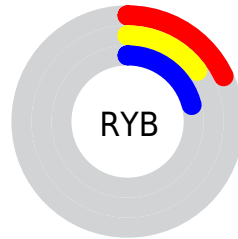
Distribution



 Red (18%)

 Green (15%)

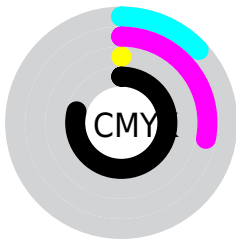
 Blue (21%)



 Red (18%)

 Yellow (15%)

 Blue (21%)

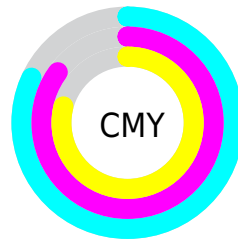


 Cyan (13%)

 Magenta (28%)

 Yellow (0%)

 Black (79%)



 Cyan (82%)

 Magenta (85%)

 Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 42.1020, 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 42.1020, 5.3727, 3.4185 by changing the saturation by 10% instead.

■ 42.1020, 5.3727,
3.4185

■ 42.1020, 5.3727,
3.4185

■ 255.0000, 0.0000,
0.0000

■ 21.6890, 5.0833,
2.9037

■ 87.6290, 6.0989,
3.8334

■ 0.6840, 2.6208,
-0.5999

■ 112.0420, 6.3883,
4.3482

■ 0.0000, 0.0000,
0.0000

■ 137.0420, 6.3883,
4.3482

■ 163.4550, 6.6777,
4.8630

■ 190.5690, 7.1145,
4.7630

■ 218.5690, 7.1145,

4.7630

246.1840, 4.3463,
5.9776

42.1020, 5.3727,
3.4185

42.1020, 5.3727,
3.4185

38.5690, 7.1145,
4.7630

45.6350, 3.6309,
2.0741

34.1500, 9.2931,
6.0075

50.0540, 1.4524,
0.8296

30.6170, 11.0348,
7.3519

53.5870, -0.2894,
-0.5148

26.7850, 12.9240,
8.0816

57.4190, -2.1786,
-1.2445

22.6650, 14.9552,
9.9408

61.5390, -4.2097,
-3.1037

■ 18.8330, 16.8443,
10.6705

■ 65.3710, -6.0989,
-3.8334

■ 15.3000, 18.5861,
12.0149

■ 68.9040, -7.8407,
-5.1778

■ 14.4140, 19.0229,
11.9149

■ 72.7360, -9.7298,
-5.9075

■ 76.8560, -11.7610,
-7.7667

Harmonies

Analogous

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



41.0300, 7.8732, -5.2883



42.1020, 5.3727, 3.4185



42.5220, 1.7147, 10.0662

Triad

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



42.1020, 5.3727, 3.4185



41.1060, -7.4473, 8.6770



36.8130, 3.5432, -16.4990

Complementary

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



42.1020, 5.3727, 3.4185



48.8980, -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.



38.2930, -1.1304, -10.7810



42.1020, 5.3727, 3.4185



40.6600, -7.7204, 2.9292

Square

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



42.1020, 5.3727, 3.4185



41.4100, -5.1321, 12.7954



39.5990, -5.2253, -4.0333



37.0130, 6.8956, -18.4284

Rectangle

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



42.1020, 5.3727, 3.4185



41.9630, -0.4748, 12.3104



39.5990, -5.2253, -4.0333



37.0690, 1.9380, -14.9695

Sweetspot

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



42.1020, 5.3727, 3.4185



64.5810, 2.1786, 1.2445



43.8190, 4.5262, -5.1033



33.0540, 1.4524, 0.8296



163.0000, 0.0000, 0.0000



36.0000, 0.0000, 0.0000

Same Dimension

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



42.1020, 5.3727, 3.4185



51.6230, 8.5669, 5.5926



44.1950, 4.3409, 7.7220



23.6410, 1.1630, 0.3148



24.4980, 31.7995, 20.6113



59.4220, 77.6860, 49.6189

Inverse Universe

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



43.2830, 0.8465, 8.5218



53.4300, 1.2670, 13.6549



46.9190, -3.9041, -7.8220



24.0110, -0.0054, 1.7444



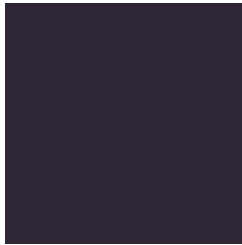
31.3990, 5.2263, 50.5161



76.3970, 12.1293, 123.3088

Previews

White Background



This preview shows how the YUV color 42.1020, 5.3727, 3.4185 looks on a white background.

Color Contrast Check

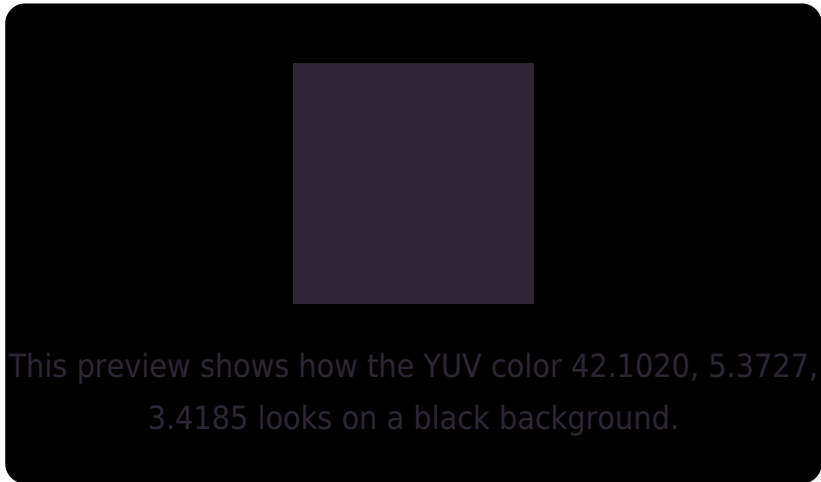
Large Text (above 18pt) WCAG AA ✓ Pass

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

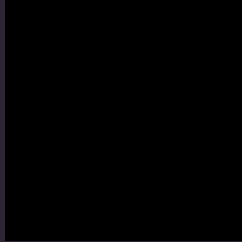
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 42.1020, 5.3727, 3.4185

Background



This preview shows how black text looks on a background with the YUV color 42.1020, 5.3727, 3.4185.



This preview shows how white text looks on a background with the YUV color 42.1020, 5.3727, 3.4185.

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

42.1020, 5.3727, 3.4185

Protanopia

41.4000, 6.7048, -3.8588

Deuteranopia

41.1830, 5.8258, -1.9145



Tritanopia

41.5380, 0.7208, 2.1592

Trichromacy



Original Color

42.1020, 5.3727, 3.4185

Protanomaly

41.5960, 6.1152, -1.3997

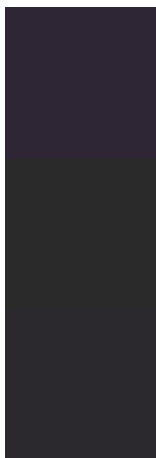
Deuteranomaly

41.4930, 5.6730, 0.4446

Tritanomaly

41.7060, 2.6099, 2.8888

Monochromacy



Original Color

42.1020, 5.3727, 3.4185

Achromatopsia

42.0000, 0.0000, 0.0000

Achromatomaly

42.1680, 1.8892, 0.7297

CSS Examples

Text

The CSS property to change the color of the text to YUV 42.1020, 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(46, 38, 53)` looks like.

```
.text, #text, p{  
    color:rgb(46, 38, 53)  
}
```

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(46, 38, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 38, 53) }
```

Border

The CSS property to change the border of an element to YUV 42.1020, 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(46, 38, 53) }
```


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

```
.border{ border-color:rgb(46, 38, 53) }
```

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

Here you see how a box with a 4 pixel rgb(46, 38, 53) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 38, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 38, 53);  
box-shadow:4px 4px 4px 4px rgb(46, 38, 53)  
}
```

Background

The CSS property to change the background color of an element to YUV 42.1020, 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(46, 38, 53) }
```

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

```
.background{ background-color: rgb(46, 38,  
53) }
```

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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