

Converting Colors

YUV(42.2520, -2.0962, 19.0730)

Have a look what the booklet for
YUV(42.2520, -2.0962, 19.0730)
contains.

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Color

**YUV(42.2520, -2.0962,
19.0730)**

Conversions

Conversions Part 1

Format	Color
Hex	402026
RGB	64, 32, 38
RGB Percent	25%, 13%, 15%
CMY	0.7490, 0.8745, 0.8510
CMYK	0.00, 0.50, 0.41, 0.75
HSL	349°, 33%, 19%
HSV	349°, 50%, 25%
XYZ	2.9807, 2.2630, 2.1134
YIQ	42.2520, 17.1460, 8.6500

Conversions

Conversions Part 2

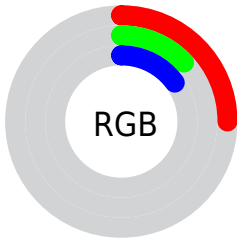
Format	Color
RYB	64, 32, 38
Decimal	4202534
CIELab	16.81, 16.25, 2.82
CIElCh	17, 16.493, 9.849
Yxy	2.2630, 0.4051, 0.3076
Android (android.graphics.Color)	4282392614 (0xFF402026)
YUV	42.2520, -2.0962, 19.0730
Hunter-Lab	15.0431, 9.0434, 2.2005

Details

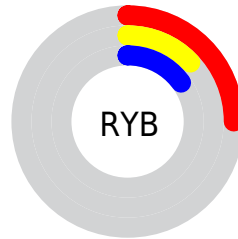
The YUV color **42.2520, -2.0962, 19.0730** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **53.7480, 2.0962, -19.0730**, and the grayscale version is **42.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **88.4480, -2.6859, 21.5321**, and **2.0930, -1.0318, 4.3034** is the 20% darker color. If you saturate the color by 10%, you get **38.1600, -2.5439, 22.6617**, and if you desaturate by 10%, it is **46.3440, -1.6486, 15.4843**.

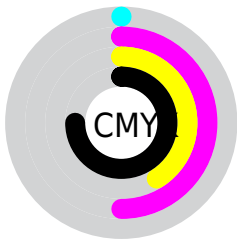
Distribution



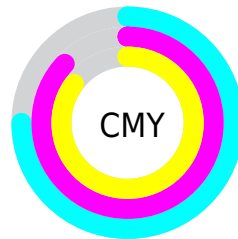
- Red (25%)
- Green (13%)
- Blue (15%)



- Red (25%)
- Yellow (13%)
- Blue (15%)



- Cyan (0%)
- Magenta (50%)
- Yellow (41%)
- Black (75%)



- Cyan (75%)
- Magenta (87%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 42.2520, -2.0962, 19.0730 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 42.2520, -2.0962, 19.0730 by changing the saturation by 10% instead.

■ 42.2520, -2.0962,
19.0730

■ 42.2520, -2.0962,
19.0730

■ 255.0000, 0.0000,
0.0000

■ 20.6540, -1.8014,
17.8434

■ 88.4480, -2.6859,
21.5321

■ 2.0930, -1.0318,
4.3034

■ 113.0460, -2.9807,
22.7617

■ 0.0000, 0.0000,
0.0000

■ 138.6440, -3.2755,
23.9912

■ 164.9430, -3.4229,
24.6060

■ 192.5410, -3.7177,
25.8355

■ 220.5410, -3.7177,

25.8355

241.6640, -0.3274,
11.6957

42.2520, -2.0962,
19.0730

42.2520, -2.0962,
19.0730

38.1600, -2.5439,
22.6617

46.3440, -1.6486,
15.4843

33.4810, -2.7021,
26.7652

51.0230, -1.4903,
11.3808

29.2750, -3.5866,
30.4538

55.2290, -0.6059,
7.6922

24.5960, -3.7448,
34.5573

59.9080, -0.4476,
3.5887

20.5040, -4.1925,
38.1460

64.0000, 0.0000,
0.0000

■ 68.0920, 0.4476,
-3.5887

■ 72.7710, 0.6059,
-7.6922

■ 76.9770, 1.4903,
-11.3808

■ 81.6560, 1.6486,
-15.4843

Harmonies

Analogous

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



42.7120, 3.5930, 14.2846



42.2520, -2.0962, 19.0730



41.5740, -7.1850, 17.9136

Triad

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



42.2520, -2.0962, 19.0730



38.6050, -7.6933, -5.7926



35.0920, 13.7586, -26.3907

Complementary

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



42.2520, -2.0962, 19.0730



53.7480, 2.0962, -19.0730

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.



33.9730, 10.8593, -29.7943



42.2520, -2.0962, 19.0730



36.4340, -1.6930, -17.0436

Square

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



42.2520, -2.0962, 19.0730



40.1610, -10.9254, 4.2438



33.3060, 5.7651, -29.2094



40.4470, 12.1046, -9.1620

Rectangle

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



42.2520, -2.0962, 19.0730



41.4550, -10.0843, 14.5100



33.3060, 5.7651, -29.2094



34.0700, 13.7695, -29.8794

Sweetspot

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



42.2520, -2.0962, 19.0730



75.8160, -0.8953, 7.1774



43.4220, 10.1450, 12.7849



38.2070, -0.5951, 4.2035



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000

Same Dimension

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



42.2520, -2.0962, 19.0730



49.9760, -3.4392, 29.8390



47.4380, -7.6109, 14.5249



30.8970, -0.4422, 1.8443



31.0550, -6.4361, 57.8338



71.7640, -14.6737, 133.5110

Inverse Universe

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



42.2520, -2.0962, 19.0730



49.9760, -3.4392, 29.8390



48.5620, 7.6109, -14.5249



30.8970, -0.4422, 1.8443



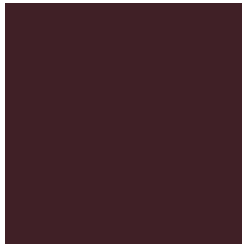
31.0550, -6.4361, 57.8338



71.7640, -14.6737, 133.5110

Previews

White Background



This preview shows how the YUV color 42.2520, -2.0962, 19.0730 looks on a white background.

Color Contrast Check

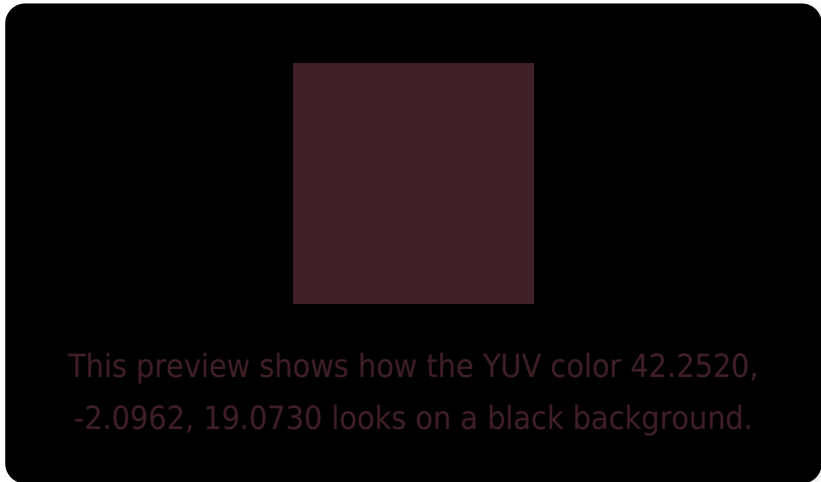
Large Text (above 18pt) WCAG AA ✓ Pass

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

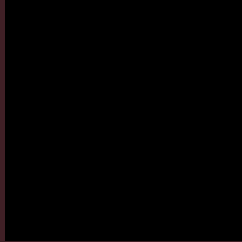
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 42.2520, -2.0962, 19.0730

Background



This preview shows how black text looks on a background with the YUV color 42.2520, -2.0962, 19.0730.

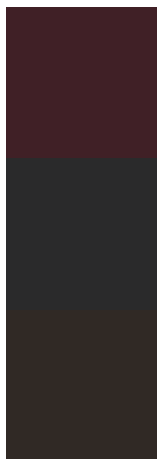


This preview shows how white text looks on a background with the YUV color 42.2520, -2.0962,

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

42.2520, -2.0962, 19.0730

Protanopia

42.1140, 0.4368, -0.1000

Deuteranopia

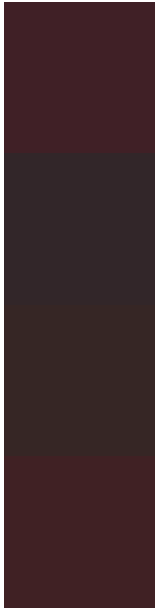
42.6370, -2.7790, 4.7034



Tritanopia

42.4970, -3.6960, 18.8581

Trichromacy



Original Color

42.2520, -2.0962, 19.0730

Protanomaly

41.9300, -0.4585, 7.0774

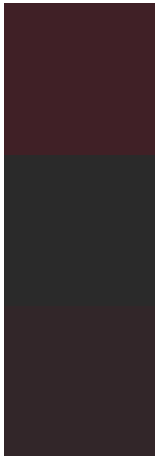
Deuteranomaly

42.6700, -2.7953, 9.9364

Tritanomaly

42.6110, -3.2592, 18.7582

Monochromacy



Original Color

42.2520, -2.0962, 19.0730

Achromatopsia

42.0000, 0.0000, 0.0000

Achromatomaly

41.9300, -0.4585, 7.0774

CSS Examples

Text

The CSS property to change the color of the text to YUV 42.2520, -2.0962, 19.0730 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(64, 32, 38)` looks like.

```
.text, #text, p{  
    color:rgb(64, 32, 38)  
}
```

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(64, 32, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 32, 38) }
```

Border

The CSS property to change the border of an element to YUV 42.2520, -2.0962, 19.0730 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(64, 32, 38) }
```


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

```
.border{ border-color:rgb(64, 32, 38) }
```

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

Here you see how a box with a 4 pixel rgb(64, 32, 38) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 32, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 32, 38);  
box-shadow:4px 4px 4px 4px rgb(64, 32, 38)  
}
```

Background

The CSS property to change the background color of an element to YUV 42.2520, -2.0962, 19.0730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 32, 38) }
```

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

```
.background{ background-color: rgb(64, 32,  
38) }
```

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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