

Converting Colors

YUV(42.2220, -0.1094, -11.5957)

Have a look what the booklet for
YUV(42.2220, -0.1094, -11.5957)
contains.

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Color

**YUV(42.2220, -0.1094,
-11.5957)**

Conversions

Conversions Part 1

Format	Color
Hex	1D312A
RGB	29, 49, 42
RGB Percent	11%, 19%, 16%
CMY	0.8863, 0.8078, 0.8353
CMYK	0.41, 0.00, 0.14, 0.81
HSL	159°, 26%, 15%
HSV	159°, 41%, 19%
XYZ	2.0229, 2.6250, 2.5905
YIQ	42.2220, -9.6730, -6.4170

Conversions

Conversions Part 2

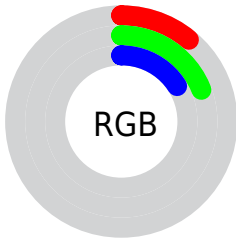
Format	Color
RYB	29, 41, 49
Decimal	1913130
CIELab	18.47, -10.03, 1.92
CIElCh	18, 10.215, 169.187
Yxy	2.6250, 0.2795, 0.3626
Android (android.graphics.Color)	4280103210 (0xFF1D312A)
YUV	42.2220, -0.1094, -11.5957
Hunter-Lab	16.2019, -6.0662, 1.8613

Details

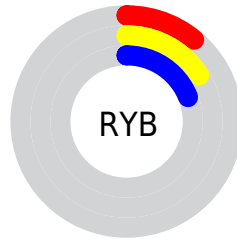
The YUV color **42.2220, -0.1094, -11.5957** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **35.7780, 0.1094, 11.5957**, and the grayscale version is **42.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **87.8090, -0.3988, -12.1105**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **40.4990, -0.2460, -14.4696**, and if you desaturate by 10%, it is **43.9450, 0.0271, -8.7218**.

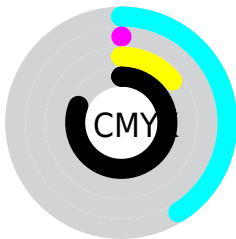
Distribution



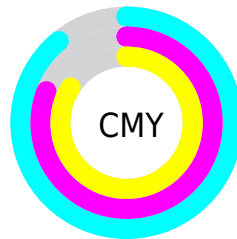
- Red (11%)
- Green (19%)
- Blue (16%)



- Red (11%)
- Yellow (16%)
- Blue (19%)



- Cyan (41%)
- Magenta (0%)
- Yellow (14%)
- Black (81%)



- Cyan (89%)
- Magenta (81%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 42.2220, -0.1094, -11.5957 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 42.2220, -0.1094, -11.5957 by changing the saturation by 10% instead.

■ 42.2220, -0.1094,
-11.5957

■ 42.2220, -0.1094,
-11.5957

■ 255.0000, 0.0000,
0.0000

■ 21.0370, 0.4748,
-12.3104

■ 87.8090, -0.3988,
-12.1105

■ 0.0000, 0.0000,
0.0000

■ 112.5100, -0.2514,
-12.7253

■ 138.0970, -0.5408,
-13.2401

■ 164.0970, -0.5408,
-13.2401

■ 191.3850, -0.6828,
-14.3696

■ 219.3850, -0.6828,

-14.3696

■ 246.9120, 0.0434,
-13.9548

■ 42.2220, -0.1094,
-11.5957

■ 42.2220, -0.1094,
-11.5957

■ 40.4990, -0.2460,
-14.4696

■ 43.9450, 0.0271,
-8.7218

■ 38.8900, 0.0542,
-17.4435

■ 45.5540, -0.2731,
-5.7479

■ 37.1670, -0.0823,
-20.3175

■ 47.2770, -0.1366,
-2.8739

■ 35.4440, -0.2189,
-23.1914

■ 49.0000, 0.0000,
0.0000

■ 33.7210, -0.3555,
-26.0653

■ 50.7230, 0.1366,
2.8739

■ 32.4110, -0.2026,
-28.4244

■ 52.0330, -0.0163,
5.2331

■ 53.7560, 0.1203,
8.1070

■ 55.4790, 0.2569,
10.9809

■ 57.0880, -0.0434,
13.9548

Harmonies

Analogous

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



43.2290, -4.0569, -5.4628



42.2220, -0.1094, -11.5957



41.6390, 4.1220, -15.4694

Triad

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



42.2220, -0.1094, -11.5957



45.4110, 6.6994, -2.1144



45.2850, -5.5635, 11.1511

Complementary

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



42.2220, -0.1094, -11.5957



35.7780, 0.1094, 11.5957

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.



46.0940, -2.5113, 12.1956



42.2220, -0.1094, -11.5957



46.4720, 4.2043, 4.8481

Square

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



42.2220, -0.1094, -11.5957



43.8830, 7.4527, -10.4214



46.2940, 0.8411, 10.2662



45.2090, -7.0050, 6.8327

Rectangle

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



42.2220, -0.1094, -11.5957



41.7960, 6.0166, -16.4841



46.2940, 0.8411, 10.2662



45.8120, -4.8373, 11.5659

Sweetspot

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



42.2220, -0.1094, -11.5957



61.2660, -0.1311, -4.6183



42.8330, -6.8197, -5.9925



31.6900, 0.1528, -2.3591



161.0000, 0.0000, 0.0000



33.0000, 0.0000, 0.0000

Same Dimension

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



42.2220, -0.1094, -11.5957



53.4770, -0.2352, -17.9583



41.2590, 3.8163, -10.7511



24.9890, 0.0054, -1.7444



58.8550, -0.4215, -51.6158



143.4530, -1.2093, -125.8083

Inverse Universe

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



35.7780, 0.1094, 11.5957



43.4090, -0.2016, 18.0583



36.7410, -3.8163, 10.7511



24.0110, -0.0054, 1.7444



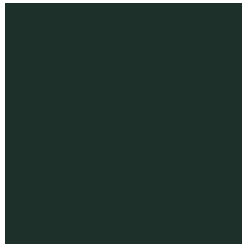
30.1450, 0.4215, 51.6158



73.5470, 1.2093, 125.8083

Previews

White Background



This preview shows how the YUV color 42.2220, -0.1094, -11.5957 looks on a white background.

Color Contrast Check

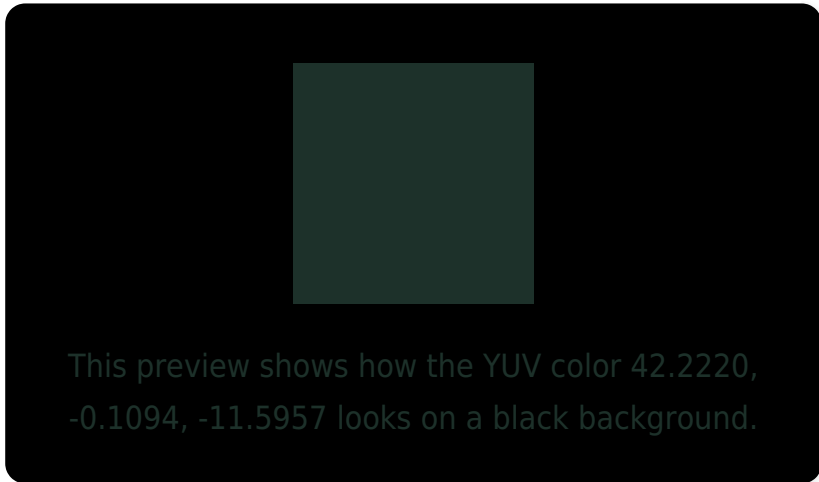
Large Text (above 18pt) WCAG AA ✓ Pass

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

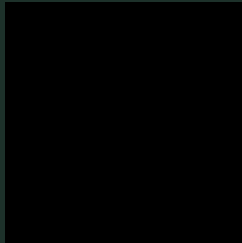
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

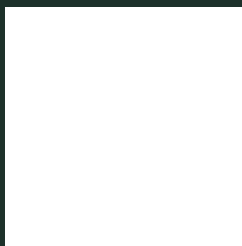
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 42.2220, -0.1094, -11.5957

Background



This preview shows how black text looks on a background with the YUV color 42.2220, -0.1094, -11.5957.



This preview shows how white text looks on a background with the YUV color 42.2220, -0.1094,

-11.5957.

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

42.2220, -0.1094, -11.5957

Protanopia

45.0280, -2.4788, 1.7294

Deuteranopia

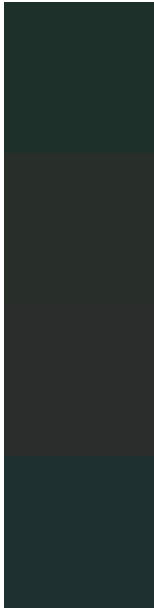
45.0930, -1.0318, 4.3034



Tritanopia

43.2590, 3.8163, -10.7511

Trichromacy



Original Color

42.2220, -0.1094, -11.5957

Protanomaly

43.6360, -1.2995, -3.1888

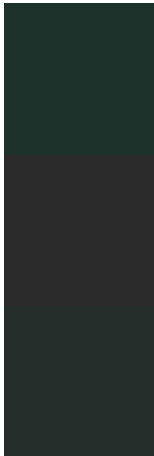
Deuteranomaly

43.8750, -0.4314, -1.6444

Tritanomaly

42.6180, 2.6533, -11.0660

Monochromacy



Original Color

42.2220, -0.1094, -11.5957

Achromatopsia

42.0000, 0.0000, 0.0000

Achromatomaly

42.2660, -0.1311, -4.6183

CSS Examples

Text

The CSS property to change the color of the text to YUV 42.2220, -0.1094, -11.5957 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(29, 49, 42)` looks like.

```
.text, #text, p{  
  color:rgb(29, 49, 42)  
}
```

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(29, 49, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 49, 42) }
```

Border

The CSS property to change the border of an element to YUV 42.2220, -0.1094, -11.5957 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(29, 49, 42) }
```


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

```
.border{ border-color:rgb(29, 49, 42) }
```

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

Here you see how a box with a 4 pixel rgb(29, 49, 42) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 49, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 49, 42);  
box-shadow:4px 4px 4px 4px rgb(29, 49, 42)  
}
```

Background

The CSS property to change the background color of an element to YUV 42.2220, -0.1094, -11.5957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 49, 42) }
```

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

```
.background{ background-color: rgb(29, 49,  
42) }
```

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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