

Converting Colors

YUV(41.7920, 2.0745, -12.0956)

Have a look what the booklet for
YUV(41.7920, 2.0745, -12.0956)
contains.

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Color

**YUV(41.7920, 2.0745,
-12.0956)**

Conversions

Conversions Part 1

Format	Color
Hex	1C302E
RGB	28, 48, 46
RGB Percent	11%, 19%, 18%
CMY	0.8902, 0.8118, 0.8196
CMYK	0.42, 0.00, 0.04, 0.81
HSL	174°, 26%, 15%
HSV	174°, 42%, 19%
XYZ	2.0290, 2.5580, 2.9716
YIQ	41.7920, -11.2780, -4.8620

Conversions

Conversions Part 2

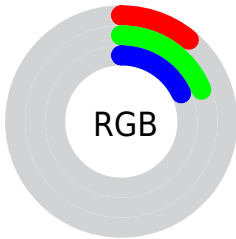
Format	Color
RYB	28, 39, 48
Decimal	1847342
CIELab	18.18, -8.62, -1.29
CIELCh	18, 8.717, 188.482
Yxy	2.5580, 0.2684, 0.3384
Android (android.graphics.Color)	4280037422 (0xFF1C302E)
YUV	41.7920, 2.0745, -12.0956
Hunter-Lab	15.9939, -5.3447, 0.1799

Details

The YUV color **41.7920, 2.0745, -12.0956** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **34.2080, -2.0745, 12.0956**, and the grayscale version is **42.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **87.4930, 2.2220, -12.7104**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **40.2970, 2.8116, -15.1695**, and if you desaturate by 10%, it is **43.2870, 1.3375, -9.0217**.

Distribution



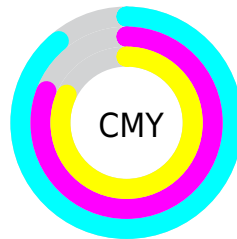
- Red (11%)
- Green (19%)
- Blue (18%)



- Red (11%)
- Yellow (15%)
- Blue (19%)



- Cyan (42%)
- Magenta (0%)
- Yellow (4%)
- Black (81%)



- Cyan (89%)
- Magenta (81%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 41.7920, 2.0745, -12.0956 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 41.7920, 2.0745, -12.0956 by changing the saturation by 10% instead.

■ 41.7920, 2.0745,
-12.0956

■ 41.7920, 2.0745,
-12.0956

■ 255.0000, 0.0000,
0.0000

■ 20.4930, 2.2220,
-12.7104

■ 87.4930, 2.2220,
-12.7104

■ 0.0000, 0.0000,
0.0000

■ 112.0800, 1.9326,
-13.2252

■ 137.1940, 2.3694,
-13.3251

■ 163.7810, 2.0800,
-13.8399

■ 190.4820, 2.2274,
-14.4547

■ 218.4820, 2.2274,

-14.4547

■ 247.1830, 2.3748,
-15.0695

■ 41.7920, 2.0745,
-12.0956

■ 41.7920, 2.0745,
-12.0956

■ 40.2970, 2.8116,
-15.1695

■ 43.2870, 1.3375,
-9.0217

■ 38.6880, 3.1118,
-18.1434

■ 44.8960, 1.0373,
-6.0478

■ 37.4920, 3.7014,
-20.6025

■ 46.0920, 0.4476,
-3.5887

■ 35.8830, 4.0017,
-23.5764

■ 47.7010, 0.1474,
-0.6148

■ 34.3880, 4.7387,
-26.6503

■ 49.1960, -0.5896,
2.4591

■ 33.0780, 4.8915,
-29.0094

■ 50.8050, -0.8899,
5.4330

■ 52.3000, -1.6269,
8.5069

■ 53.6100, -1.7797,
10.8660

■ 55.1050, -2.5168,
13.9399

Harmonies

Analogous

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



42.6030, -1.2833, -8.4218



41.7920, 2.0745, -12.0956



42.1770, 4.8427, -13.3102

Triad

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



41.7920, 2.0745, -12.0956



45.1620, 4.3571, 2.4889



44.2630, -5.5527, 7.6623

Complementary

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



41.7920, 2.0745, -12.0956



34.2080, -2.0745, 12.0956

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.



45.3280, -4.1057, 10.2363



41.7920, 2.0745, -12.0956



45.2120, 1.8675, 7.7071

Square

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



41.7920, 2.0745, -12.0956



43.9870, 6.4154, -4.3736



45.4250, -1.1955, 10.1513



44.1160, -5.9732, 2.5293

Rectangle

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



41.7920, 2.0745, -12.0956



42.5300, 6.1477, -11.8658



45.4250, -1.1955, 10.1513



44.9750, -5.4107, 8.7919

Sweetspot

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



41.7920, 2.0745, -12.0956



58.4940, 0.7425, -4.8182



40.3380, -6.0826, -9.0664



29.3910, 0.3002, -2.9739



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.



41.7920, 2.0745, -12.0956



51.6880, 3.1118, -18.1434



37.3240, 5.2633, -8.1771



22.4020, 0.2948, -1.2296



59.9610, 8.8932, -52.5858



147.6200, 22.3723, -129.4627

Inverse Universe

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



34.2080, -2.0745, 12.0956



40.3120, -3.1118, 18.1434



38.6760, -5.2633, 8.1771



21.5980, -0.2948, 1.2296



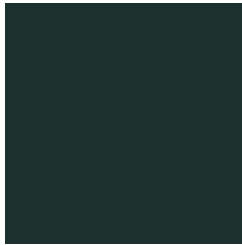
27.0390, -8.8932, 52.5858



66.3800, -22.3723, 129.4627

Previews

White Background



This preview shows how the YUV color 41.7920, 2.0745, -12.0956 looks on a white background.

Color Contrast Check

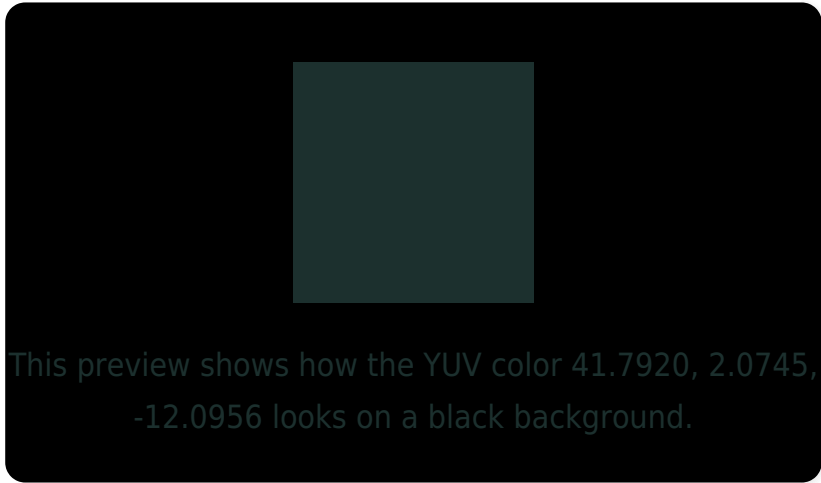
Large Text (above 18pt) WCAG AA ✓ Pass

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

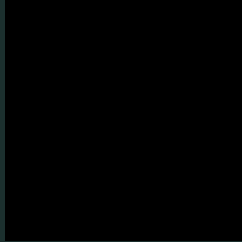
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

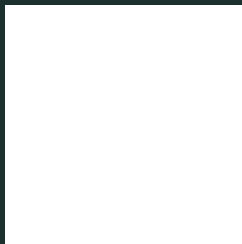
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 41.7920, 2.0745, -12.0956

Background



This preview shows how black text looks on a background with the YUV color 41.7920, 2.0745, -12.0956.



This preview shows how white text looks on a background with the YUV color 41.7920, 2.0745, -12.0956.

-12.0956.

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

41.7920, 2.0745, -12.0956

Protanopia

44.2990, -0.1474, 0.6148

Deuteranopia

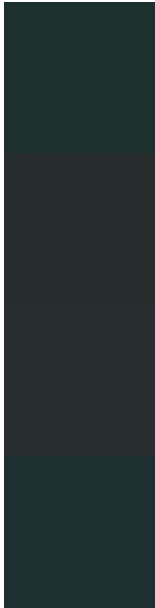
44.6520, 1.1576, 2.0592



Tritanopia

42.0740, 4.4005, -11.4659

Trichromacy



Original Color

41.7920, 2.0745, -12.0956

Protanomaly

43.2060, 0.8844, -3.6887

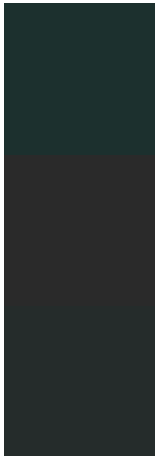
Deuteranomaly

43.7330, 1.6106, -3.2738

Tritanomaly

41.8460, 3.5269, -11.2659

Monochromacy



Original Color

41.7920, 2.0745, -12.0956

Achromatopsia

42.0000, 0.0000, 0.0000

Achromatomaly

41.7930, 0.5951, -4.2035

CSS Examples

Text

The CSS property to change the color of the text to YUV 41.7920, 2.0745, -12.0956 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(28, 48, 46)` looks like.

```
.text, #text, p{  
    color:rgb(28, 48, 46)  
}
```

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(28, 48, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 48, 46) }
```

Border

The CSS property to change the border of an element to YUV 41.7920, 2.0745, -12.0956 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(28, 48, 46) }
```


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

```
.border{ border-color:rgb(28, 48, 46) }
```

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

Here you see how a box with a 4 pixel rgb(28, 48, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 48, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 48, 46);  
box-shadow:4px 4px 4px 4px rgb(28, 48, 46)  
}
```

Background

The CSS property to change the background color of an element to YUV 41.7920, 2.0745, -12.0956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 48, 46) }
```

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

```
.background{ background-color: rgb(28, 48,  
46) }
```

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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