

Converting Colors

YUV(43.4920, 7.1524, -7.4475)

Have a look what the booklet for
YUV(43.4920, 7.1524, -7.4475)
contains.

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Color

**YUV(43.4920, 7.1524,
-7.4475)**

Conversions

Conversions Part 1

Format	Color
Hex	232D3A
RGB	35, 45, 58
RGB Percent	14%, 18%, 23%
CMY	0.8627, 0.8235, 0.7725
CMYK	0.40, 0.22, 0.00, 0.77
HSL	214°, 25%, 18%
HSV	214°, 40%, 23%
XYZ	2.3952, 2.5396, 4.3669
YIQ	43.4920, -10.1330, 1.9230

Conversions

Conversions Part 2

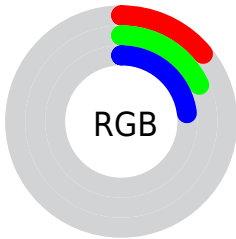
Format	Color
RYB	35, 42, 58
Decimal	2305338
CIELab	18.10, -0.38, -9.67
CIELCh	18, 9.680, 267.764
Yxy	2.5396, 0.2575, 0.2730
Android (android.graphics.Color)	4280495418 (0xFF232D3A)
YUV	43.4920, 7.1524, -7.4475
Hunter-Lab	15.9361, -1.0590, -5.0919

Details

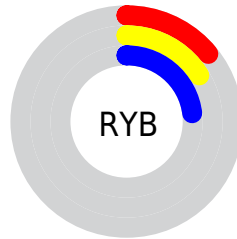
The YUV color **43.4920, 7.1524, -7.4475** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **49.5080, -7.1524, 7.4475**, and the grayscale version is **43.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **89.3070, 7.7366, -8.1622**, and **2.2970, 6.2626, -2.0145** is the 20% darker color. If you saturate the color by 10%, you get **39.9370, 8.9051, -9.5917**, and if you desaturate by 10%, it is **47.0470, 5.3998, -5.3032**.

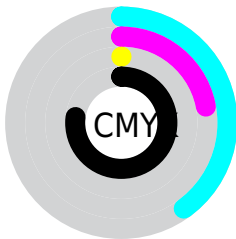
Distribution



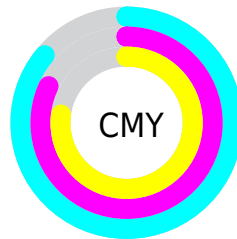
- Red (14%)
- Green (18%)
- Blue (23%)



- Red (14%)
- Yellow (16%)
- Blue (23%)



- Cyan (40%)
- Magenta (22%)
- Yellow (0%)
- Black (77%)



- Cyan (86%)
- Magenta (82%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 43.4920, 7.1524, -7.4475 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 43.4920, 7.1524, -7.4475 by changing the saturation by 10% instead.

■ 43.4920, 7.1524,
-7.4475

■ 43.4920, 7.1524,
-7.4475

■ 255.0000, 0.0000,
0.0000

■ 22.3780, 6.7156,
-7.3475

■ 89.3070, 7.7366,
-8.1622

■ 2.2970, 6.2626,
-2.0145

■ 113.7200, 8.0260,
-7.6474

■ 0.0000, 0.0000,
0.0000

■ 139.4210, 8.1734,
-8.2622

■ 165.5350, 8.6102,
-8.3622

■ 192.6490, 9.0470,
-8.4622

■ 220.6490, 9.0470,

-8.4622

247.8680, 3.5161,
-7.7772

43.4920, 7.1524,
-7.4475

43.4920, 7.1524,
-7.4475

39.9370, 8.9051,
-9.5917

47.0470, 5.3998,
-5.3032

35.7950, 10.9471,
-11.2212

51.1890, 3.3578,
-3.6738

32.5390, 12.5523,
-12.7507

54.4450, 1.7526,
-2.1443

28.9840, 14.3049,
-14.8950

58.0000, 0.0000,
0.0000

25.4290, 16.0575,
-17.0392

61.5550, -1.7526,
2.1443

■ 21.2870, 18.0995,
-18.6687

■ 65.6970, -3.7946,
3.7737

■ 69.2520, -5.5472,
5.9180

■ 72.5080, -7.1524,
7.4475

■ 76.6500, -9.1944,
9.0770

Harmonies

Analogous

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



42.0460, 6.8793, -13.1953



43.4920, 7.1524, -7.4475



45.1940, 5.8204, -0.1701

Triad

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



43.4920, 7.1524, -7.4475



45.1540, -3.5269, 11.2659



41.9730, -2.4517, -6.9923

Complementary

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



43.4920, 7.1524, -7.4475



49.5080, -7.1524, 7.4475

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.



43.2080, -5.5255, -1.0594



43.4920, 7.1524, -7.4475



44.5730, -5.7055, 10.0215

Square

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



43.4920, 7.1524, -7.4475



45.3650, -0.1799, 11.0809



44.1980, -6.9996, 5.0884



41.1510, 0.9116, -12.4104

Rectangle

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



43.4920, 7.1524, -7.4475



45.1730, 4.3517, 4.2333



44.1980, -6.9996, 5.0884



42.6420, -3.7675, -4.9480

Sweetspot

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



43.4920, 7.1524, -7.4475



70.4880, 3.2104, -3.0590



49.9830, -0.9776, -13.1401



34.7440, 1.6052, -1.5295



166.0000, 0.0000, 0.0000



38.0000, 0.0000, 0.0000

Same Dimension

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



43.4920, 7.1524, -7.4475



53.6100, 11.5313, -11.9360



37.9210, 9.8989, -1.6847



25.9290, 1.0210, -0.8147



33.9680, 28.6098, -29.7899



80.7310, 68.1666, -70.8011

Inverse Universe

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



43.0170, 0.9776, 13.1401



52.8870, 1.5347, 21.1471



55.0790, -9.8989, 1.6847



26.0110, -0.0054, 1.7444



32.0680, 3.9105, 52.5604



76.3110, 9.2137, 125.1383

Previews

White Background



This preview shows how the YUV color 43.4920, 7.1524, -7.4475 looks on a white background.

Color Contrast Check

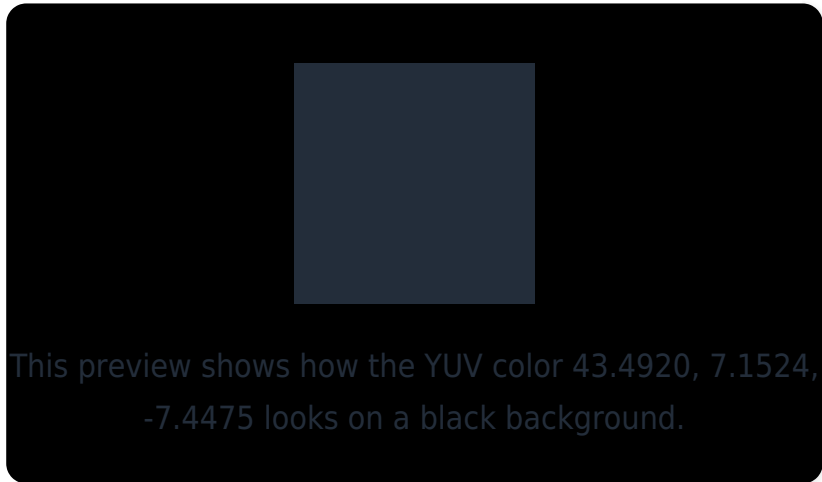
Large Text (above 18pt) WCAG AA ✓ Pass

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

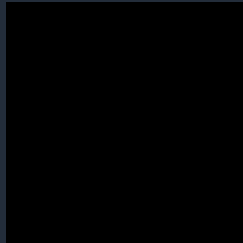
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

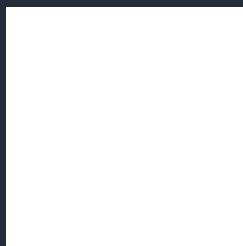
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 43.4920, 7.1524, -7.4475

Background



This preview shows how black text looks on a background with the YUV color 43.4920, 7.1524, -7.4475.



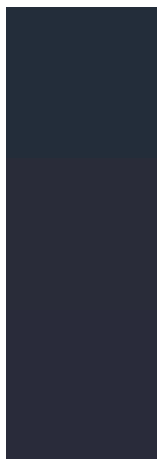
This preview shows how white text looks on a background with the YUV color 43.4920, 7.1524, -7.4475.

-7.4475.

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

43.4920, 7.1524, -7.4475

Protanopia

44.5850, 6.1206, -3.1440

Deuteranopia

44.1120, 6.8468, -2.7292



Tritanopia

42.5690, 3.6635, -8.3920

Trichromacy



Original Color

43.4920, 7.1524, -7.4475

Protanomaly

43.9870, 6.4154, -4.3736

Deuteranomaly

44.1010, 6.8522, -4.4736

Tritanomaly

43.2100, 4.8265, -8.0772

Monochromacy



Original Color

43.4920, 7.1524, -7.4475

Achromatopsia

43.0000, 0.0000, 0.0000

Achromatomaly

43.2600, 2.3368, -2.8590

CSS Examples

Text

The CSS property to change the color of the text to YUV 43.4920, 7.1524, -7.4475 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(35, 45, 58)` looks like.

```
.text, #text, p{  
    color:rgb(35, 45, 58)  
}
```

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(35, 45, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 45, 58) }
```

Border

The CSS property to change the border of an element to YUV 43.4920, 7.1524, -7.4475 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(35, 45, 58) }
```


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

```
.border{ border-color:rgb(35, 45, 58) }
```

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

Here you see how a box with a 4 pixel rgb(35, 45, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 45, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 45, 58);  
box-shadow:4px 4px 4px 4px rgb(35, 45, 58)  
}
```

Background

The CSS property to change the background color of an element to YUV 43.4920, 7.1524, -7.4475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 45, 58) }
```

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

```
.background{ background-color: rgb(35, 45,  
58) }
```

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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