

Converting Colors

YUV(42.1950, 4.3409, 7.7220)

Have a look what the booklet for
YUV(42.1950, 4.3409, 7.7220)
contains.

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Color

**YUV(42.1950, 4.3409,
7.7220)**

Conversions

Conversions Part 1

Format	Color
Hex	332433
RGB	51, 36, 51
RGB Percent	20%, 14%, 20%
CMY	0.8000, 0.8588, 0.8000
CMYK	0.00, 0.29, 0.00, 0.80
HSL	300°, 17%, 17%
HSV	300°, 29%, 20%
XYZ	2.5937, 2.2046, 3.4208
YIQ	42.1950, 4.1250, 7.8450

Conversions

Conversions Part 2

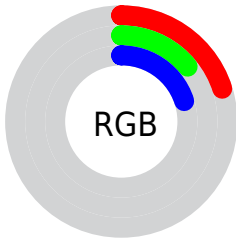
Format	Color
R_{YB}	51, 36, 51
Decimal	3351603
CIE Lab	16.53, 10.33, -7.03
CIE LCh	17, 12.497, 325.776
Yxy	2.2046, 0.3156, 0.2682
Android (android.graphics.Color)	4281541683 (0xFF332433)
YUV	42.1950, 4.3409, 7.7220
Hunter-Lab	14.8478, 5.1972, -3.2664

Details

The YUV color **42.1950, 4.3409, 7.7220** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **44.8050, -4.3409, -7.7220**, and the grayscale version is **42.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **87.9070, 4.4828, 8.8516**, and **0.3420, 1.3104, -0.2999** is the 20% darker color. If you saturate the color by 10%, you get **39.2600, 5.7878, 10.2960**, and if you desaturate by 10%, it is **45.1300, 2.8939, 5.1480**.

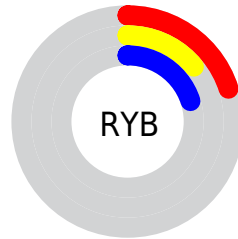
Distribution



Red (20%)

Green (14%)

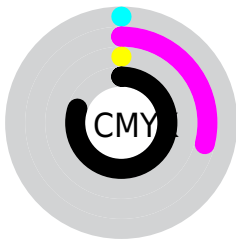
Blue (20%)



Red (20%)

Yellow (14%)

Blue (20%)

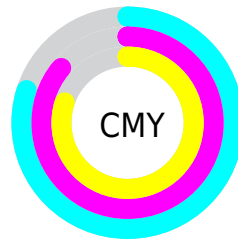


Cyan (0%)

Magenta (29%)

Yellow (0%)

Black (80%)



Cyan (80%)

Magenta (86%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 42.1950, 4.3409, 7.7220 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 42.1950, 4.3409, 7.7220 by changing the saturation by 10% instead.

■ 42.1950, 4.3409,
7.7220

■ 42.1950, 4.3409,
7.7220

■ 255.0000, 0.0000,
0.0000

■ 21.1950, 4.3409,
7.7220

■ 87.9070, 4.4828,
8.8516

■ 0.3420, 1.3104,
-0.2999

■ 112.3200, 4.7722,
9.3664

■ 0.0000, 0.0000,
0.0000

■ 137.4340, 5.2090,
9.2664

■ 163.8470, 5.4984,
9.7812

■ 191.1460, 5.3510,
10.3960

■ 219.1460, 5.3510,

10.3960

245.6080, 4.6303,
8.2368

42.1950, 4.3409,
7.7220

42.1950, 4.3409,
7.7220

39.2600, 5.7878,
10.2960

45.1300, 2.8939,
5.1480

36.3250, 7.2348,
12.8700

48.0650, 1.4470,
2.5740

33.3900, 8.6817,
15.4440

51.0000, 0.0000,
0.0000

30.4550, 10.1287,
18.0180

53.9350, -1.4470,
-2.5740

26.9330, 11.8650,
21.1068

57.4570, -3.1833,
-5.6628

■ 23.9980, 13.3120,
23.6808

■ 60.3920, -4.6303,
-8.2368

■ 21.0630, 14.7589,
26.2547

■ 63.3270, -6.0772,
-10.8108

■ 66.2620, -7.5242,
-13.3848

■ 69.1970, -8.9711,
-15.9588

Harmonies

Analogous

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



41.3510, 7.7150, -1.1848



42.1950, 4.3409, 7.7220



41.7890, 0.1040, 13.3400

Triad

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



42.1950, 4.3409, 7.7220



40.4540, -8.6048, 6.6178



35.4640, 6.1802, -22.3319

Complementary

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



42.1950, 4.3409, 7.7220



44.8050, -4.3409, -7.7220

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.



36.8300, 1.0698, -16.5139



42.1950, 4.3409, 7.7220



39.7520, -7.2727, -0.6595

Square

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



42.1950, 4.3409, 7.7220



41.1280, -7.4581, 12.1657



38.6200, -3.7567, -8.4367



36.2840, 9.2270, -19.5431

Rectangle

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



42.1950, 4.3409, 7.7220



41.7030, -2.8116, 15.1695



38.6200, -3.7567, -8.4367



35.7200, 4.5750, -20.8024

Sweetspot

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



42.1950, 4.3409, 7.7220



62.4780, 1.7363, 3.0888



37.7100, 6.5520, -1.4997



31.2390, 0.8682, 1.5444



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.



42.1950, 4.3409, 7.7220



52.4990, 6.6560, 11.8404



41.3970, 1.2833, 8.4218



24.2390, 0.8682, 1.5444



36.7570, 25.7558, 45.8171



89.6210, 62.7978, 111.7114

Inverse Universe

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



42.1950, 4.3409, 7.7220



52.4990, 6.6560, 11.8404



45.7170, -0.8465, -8.5218



24.2390, 0.8682, 1.5444



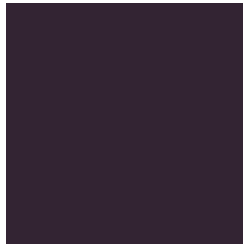
36.7570, 25.7558, 45.8171



89.6210, 62.7978, 111.7114

Previews

White Background



This preview shows how the YUV color 42.1950, 4.3409, 7.7220 looks on a white background.

Color Contrast Check

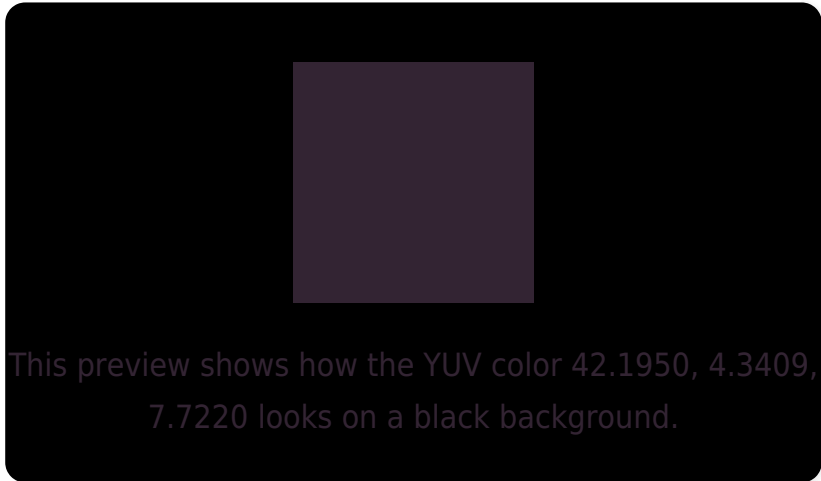
Large Text (above 18pt) WCAG AA ✓ Pass

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

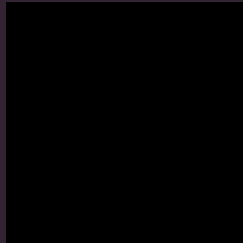
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 42.1950, 4.3409, 7.7220

Background



This preview shows how black text looks on a background with the YUV color 42.1950, 4.3409, 7.7220.



This preview shows how white text looks on a background with the YUV color 42.1950, 4.3409, 7.7220.

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

42.1950, 4.3409, 7.7220

Protanopia

41.2860, 6.2680, -3.7588

Deuteranopia

41.4390, 4.2206, -0.3850



Tritanopia

41.9300, -0.4585, 7.0774

Trichromacy



Original Color

42.1950, 4.3409, 7.7220

Protanomaly

41.4930, 5.6730, 0.4446

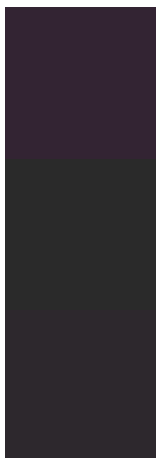
Deuteranomaly

42.0480, 3.9203, 2.5889

Tritanomaly

41.7990, 1.5781, 7.1923

Monochromacy



Original Color

42.1950, 4.3409, 7.7220

Achromatopsia

42.0000, 0.0000, 0.0000

Achromatomaly

42.0650, 1.4470, 2.5740

CSS Examples

Text

The CSS property to change the color of the text to YUV 42.1950, 4.3409, 7.7220 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(51, 36, 51)` looks like.

```
.text, #text, p{  
    color:rgb(51, 36, 51)  
}
```

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(51, 36, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 36, 51) }
```

Border

The CSS property to change the border of an element to YUV 42.1950, 4.3409, 7.7220 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(51, 36, 51) }
```


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

```
.border{ border-color:rgb(51, 36, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 36, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 36, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 36, 51);  
box-shadow:4px 4px 4px 4px rgb(51, 36, 51)  
}
```

Background

The CSS property to change the background color of an element to YUV 42.1950, 4.3409, 7.7220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 36, 51) }
```

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

```
.background{ background-color: rgb(51, 36,  
51) }
```

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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