

Converting Colors

YUV(43.2390, 21.0812, 5.0524)

Have a look what the booklet for
YUV(43.2390, 21.0812, 5.0524)
contains.

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Color

**YUV(43.2390, 21.0812,
5.0524)**

Conversions

Conversions Part 1

Format	Color
Hex	312056
RGB	49, 32, 86
RGB Percent	19%, 13%, 34%
CMY	0.8078, 0.8745, 0.6627
CMYK	0.43, 0.63, 0.00, 0.66
HSL	259°, 46%, 23%
HSV	259°, 63%, 34%
XYZ	3.4628, 2.3579, 9.0767
YIQ	43.2390, -7.2020, 20.3980

Conversions

Conversions Part 2

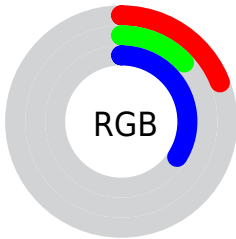
Format	Color
RYB	49, 32, 86
Decimal	3219542
CIELab	17.26, 22.38, -30.02
CIElCh	17, 37.442, 306.706
Yxy	2.3579, 0.2324, 0.1583
Android (android.graphics.Color)	4281409622 (0xFF312056)
YUV	43.2390, 21.0812, 5.0524
Hunter-Lab	15.3554, 13.3823, -24.2981

Details

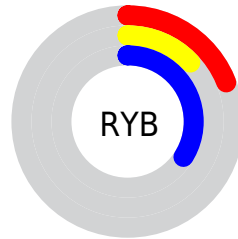
The YUV color **43.2390, 21.0812, 5.0524** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **74.7610, -21.0812, -5.0524**, and the grayscale version is **43.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **90.0050, 22.6755, 7.0116**, and **4.5600, 17.4719, -3.9991** is the 20% darker color. If you saturate the color by 10%, you get **36.1620, 24.5701, 5.9969**, and if you desaturate by 10%, it is **50.3160, 17.5922, 4.1079**.

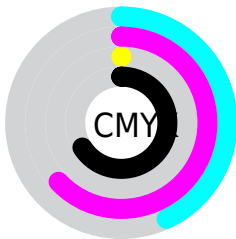
Distribution



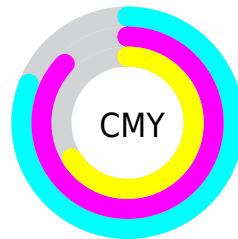
- Red (19%)
- Green (13%)
- Blue (34%)



- Red (19%)
- Yellow (13%)
- Blue (34%)



- Cyan (43%)
- Magenta (63%)
- Yellow (0%)
- Black (66%)



- Cyan (81%)
- Magenta (87%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 43.2390, 21.0812, 5.0524 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 43.2390, 21.0812, 5.0524 by changing the saturation by 10% instead.

■ 43.2390, 21.0812,
5.0524

■ 43.2390, 21.0812,
5.0524

■ 255.0000, 0.0000,
0.0000

■ 21.0000, 20.2130,
3.5080

■ 90.0050, 22.6755,
7.0116

■ 4.5600, 17.4719,
-3.9991

■ 114.9450, 23.6911,
7.9412

■ 2.6390, 7.5730,
-2.3144

■ 140.4720, 24.4173,
8.3561

■ 0.0000, 0.0000,
0.0000

■ 166.9990, 25.1435,
8.7709

■ 194.5260, 25.8697,
9.1857

■ 220.5450, 16.9863,

11.8000

243.2600, 5.7878,
10.2960

43.2390, 21.0812,
5.0524

43.2390, 21.0812,
5.0524

36.1620, 24.5701,
5.9969

50.3160, 17.5922,
4.1079

29.6720, 27.7697,
6.4267

56.8060, 14.3926,
3.6781

22.5950, 31.2587,
7.3712

63.8830, 10.9037,
2.7336

17.8770, 33.5846,
8.0009

70.3730, 7.7041,
2.3039

77.1510, 4.3626,
0.7446

■ 84.2280, 0.8736,
-0.2000

■ 90.7180, -2.3260,
-0.6297

■ 97.7950, -5.8149,
-1.5742

■ 104.2850, -9.0145,
-2.0039

Harmonies

Analogous

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



36.7720, 29.1994, -32.2490



43.2390, 21.0812, 5.0524



39.4230, 12.1165, 33.8320

Triad

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



43.2390, 21.0812, 5.0524



40.3010, -19.8684, 26.0460



37.1700, 5.3392, -32.5981

Complementary

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



43.2390, 21.0812, 5.0524



74.7610, -21.0812, -5.0524

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.



33.3910, -6.6018, -29.2839



43.2390, 21.0812, 5.0524



39.5930, -19.5193, 7.3729

Square

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



43.2390, 21.0812, 5.0524



36.7080, -13.6600, 41.4751



35.0420, -17.2757, -12.3148



40.1340, 16.6959, -35.1975

Rectangle

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



43.2390, 21.0812, 5.0524



34.8930, 5.9688, 45.6978



35.0420, -17.2757, -12.3148



36.1440, 1.4080, -31.6983

Sweetspot

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



43.2390, 21.0812, 5.0524



95.4870, 8.1409, 2.2039



60.4620, 12.5902, -24.9612



45.6780, 5.0887, 1.1594



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



43.2390, 21.0812, 5.0524



45.6490, 32.7110, 8.2008



51.0130, 17.2486, 21.0366



39.7550, 1.5998, 0.2149



22.3640, 41.7255, 10.2048



48.9160, 91.7394, 21.9987

Inverse Universe

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



52.3640, 8.2015, 29.4988



59.7280, 12.9521, 45.8425



66.9870, -17.2486, -21.0366



40.5380, 0.7208, 2.1592



40.3150, 16.1137, 58.4827



88.6190, 35.6838, 128.3761

Previews

White Background



This preview shows how the YUV color 43.2390, 21.0812, 5.0524 looks on a white background.

Color Contrast Check

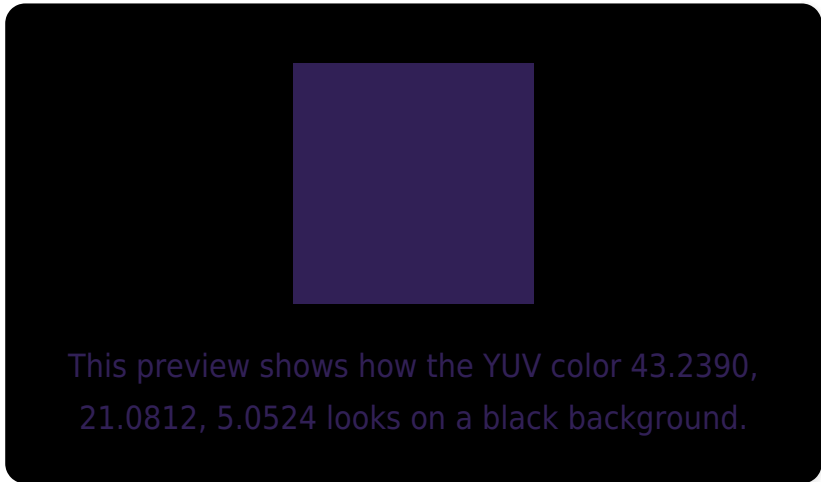
Large Text (above 18pt) WCAG AA ✓ Pass

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

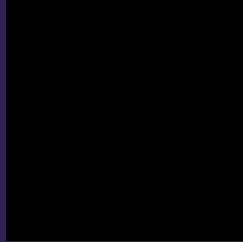
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 43.2390, 21.0812, 5.0524

Background



This preview shows how black text looks on a background with the YUV color 43.2390, 21.0812, 5.0524.



This preview shows how white text looks on a background with the YUV color 43.2390, 21.0812,

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

43.2390, 21.0812, 5.0524

Protanopia

34.0990, 26.5732, -29.9048

Deuteranopia

34.4920, 20.4634, -30.2495



Tritanopia

42.2600, 2.3368, -2.8590

Trichromacy



Original Color

43.2390, 21.0812, 5.0524

Protanomaly

37.6060, 24.3512, -17.1945

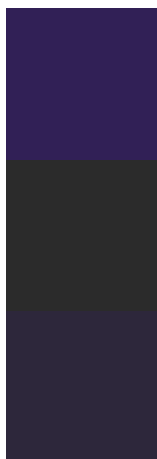
Deuteranomaly

37.9820, 20.7149, -17.5242

Tritanomaly

42.7040, 9.0199, 0.2596

Monochromacy



Original Color

43.2390, 21.0812, 5.0524

Achromatopsia

43.0000, 0.0000, 0.0000

Achromatomaly

43.0740, 7.8515, 1.6891

CSS Examples

Text

The CSS property to change the color of the text to YUV 43.2390, 21.0812, 5.0524 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(49, 32, 86)` looks like.

```
.text, #text, p{  
    color:rgb(49, 32, 86)  
}
```

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(49, 32, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 32, 86) }
```

Border

The CSS property to change the border of an element to YUV 43.2390, 21.0812, 5.0524 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(49, 32, 86) }
```


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

```
.border{ border-color:rgb(49, 32, 86) }
```

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

Here you see how a box with a 4 pixel rgb(49, 32, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 32, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 32, 86);  
box-shadow:4px 4px 4px 4px rgb(49, 32, 86)  
}
```

Background

The CSS property to change the background color of an element to YUV 43.2390, 21.0812, 5.0524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 32, 86) }
```

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

```
.background{ background-color: rgb(49, 32,  
86) }
```

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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