

Converting Colors

YUV(29.5010, 40.6720, 21.4856)

Have a look what the booklet for
YUV(29.5010, 40.6720, 21.4856)
contains.

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Color

**YUV(29.5010, 40.6720,
21.4856)**

Conversions

Conversions Part 1

Format	Color
Hex	360170
RGB	54, 1, 112
RGB Percent	21%, 0%, 44%
CMY	0.7882, 0.9961, 0.5608
CMYK	0.52, 0.99, 0.00, 0.56
HSL	269°, 98%, 22%
HSV	269°, 99%, 44%
XYZ	4.4568, 1.9758, 15.4757
YIQ	29.5010, -4.0430, 45.7570

Conversions

Conversions Part 2

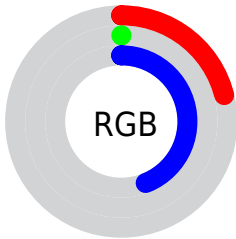
Format	Color
R_{YB}	54, 1, 112
Decimal	3539312
CIE _{Lab}	15.36, 45.13, -50.31
CIE _{LCh}	15, 67.582, 311.895
Yxy	1.9758, 0.2034, 0.0902
Android (android.graphics.Color)	4281729392 (0xFF360170)
YUV	29.5010, 40.6720, 21.4856
Hunter-Lab	14.0564, 31.9974, -55.4370

Details

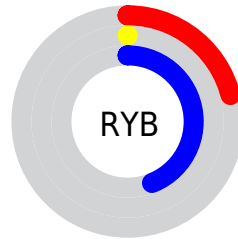
The YUV color **29.5010, 40.6720, 21.4856** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **83.4990, -40.6720, -21.4856**, and the grayscale version is **29.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **83.3870, 40.2352, 21.5856**, and **7.1820, 27.5183, -6.2986** is the 20% darker color. If you saturate the color by 10%, you get **28.6150, 41.1088, 21.3856**, and if you desaturate by 10%, it is **37.7520, 36.6043, 19.5115**.

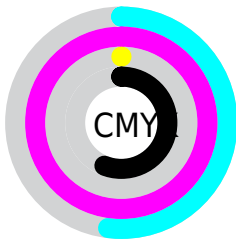
Distribution



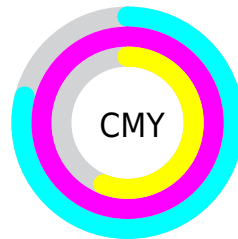
- Red (21%)
- Green (0%)
- Blue (44%)



- Red (21%)
- Yellow (0%)
- Blue (44%)



- Cyan (52%)
- Magenta (99%)
- Yellow (0%)
- Black (56%)



- Cyan (79%)
- Magenta (100%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 29.5010, 40.6720, 21.4856 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 29.5010, 40.6720, 21.4856 by changing the saturation by 10% instead.

■ 29.5010, 40.6720,
21.4856

■ 29.5010, 40.6720,
21.4856

■ 247.9560, 3.4727,
6.1776

■ 17.3930, 34.3163,
6.6713

■ 83.3870, 40.2352,
21.5856

■ 7.1820, 27.5183,
-6.2986

■ 109.5120, 40.6666,
23.2300

■ 6.3210, 16.6037,
-5.5435

■ 136.4520, 41.6822,
24.1596

■ 2.5250, 7.1362,
-2.2144


■ 163.3920, 42.6977,
25.0892

■ 0.0000, 0.0000,
0.0000


■ 187.8950, 33.0828,
29.0331

■ 213.3010, 20.5576,


33.0620


 230.9330, 11.8650,
21.1068


 29.5010, 40.6720,
21.4856


 29.5010, 40.6720,
21.4856


 28.6150, 41.1088,
21.3856

 37.7520, 36.6043,
19.5115

 46.0030, 32.5365,
17.5374

 54.8410, 28.1794,
15.0484

 62.7930, 24.2591,
12.4595

 71.0440, 20.1913,
10.4854

■ 79.2950, 16.1236,
8.5113

■ 87.5460, 12.0558,
6.5372

■ 96.3840, 7.6987,
4.0482

■ 104.6350, 3.6309,
2.0741

Harmonies

Analogous

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



39.5710, 47.5395, -34.7038



29.5010, 40.6720, 21.4856



38.6630, 14.9561, 56.4235

Triad

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



29.5010, 40.6720, 21.4856



35.3170, -17.4113, 31.2940



38.7830, 8.9810, -34.0127

Complementary

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



29.5010, 40.6720, 21.4856



83.4990, -40.6720, -21.4856

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.



31.6980, -15.6271, -27.7991



29.5010, 40.6720, 21.4856



34.5100, -17.0134, -3.0783

Square

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



29.5010, 40.6720, 21.4856



29.9000, -14.7407, 61.4777



29.3500, -14.4695, -25.7399



44.0270, 29.0737, -38.6117

Rectangle

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



29.5010, 40.6720, 21.4856



38.1190, -0.0587, 65.6706



29.3500, -14.4695, -25.7399



36.8450, 1.5554, -32.3131

Sweetspot

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



29.5010, 40.6720, 21.4856



113.1810, 15.6868, 8.6113



48.2870, 31.4105, -41.4707



53.9650, 9.8773, 5.2927



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



29.5010, 40.6720, 21.4856



37.1610, 53.1646, 27.9228



45.6470, 32.7120, 54.6836



51.5810, 2.1786, 1.2445



30.7230, 44.0136, 23.0449



63.4400, 90.4951, 47.8491

Inverse Universe

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



40.8010, 8.9721, 62.4415



52.0190, 11.8226, 81.5443



67.3530, -32.7120, -54.6836



52.1360, 0.4260, 3.3887



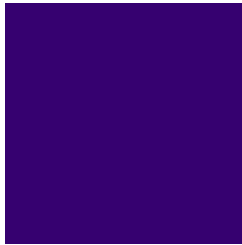
43.0620, 9.8294, 67.4746



88.5590, 19.9374, 138.9528

Previews

White Background



This preview shows how the YUV color 29.5010, 40.6720, 21.4856 looks on a white background.

Color Contrast Check

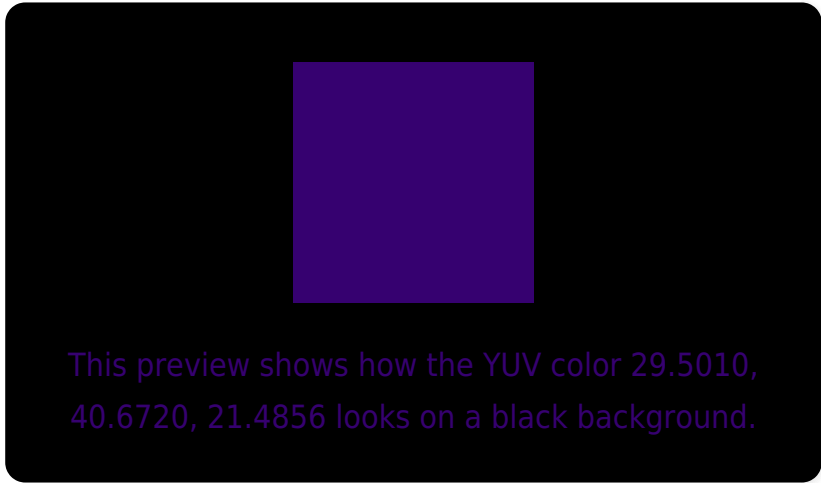
Large Text (above 18pt) WCAG AA ✓ Pass

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

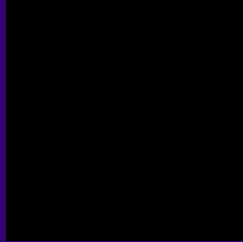
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 29.5010, 40.6720, 21.4856

Background



This preview shows how black text looks on a background with the YUV color 29.5010, 40.6720, 21.4856.



This preview shows how white text looks on a background with the YUV color 29.5010, 40.6720,

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

29.5010, 40.6720, 21.4856

Protanopia

33.8710, 25.6996, -29.7049

Deuteranopia

33.5630, 19.4424, -29.4348



Tritanopia

41.3520, 2.7845, -6.4477

Trichromacy



Original Color

29.5010, 40.6720, 21.4856

Protanomaly

32.0720, 31.0235, -10.5871

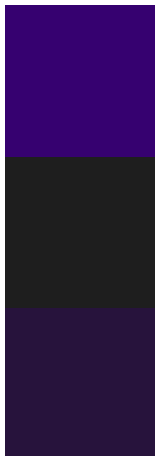
Deuteranomaly

32.3340, 26.9503, -10.8169

Tritanomaly

36.7890, 16.8660, 3.6930

Monochromacy



Original Color

29.5010, 40.6720, 21.4856

Achromatopsia

30.0000, 0.0000, 0.0000

Achromatomaly

29.6540, 14.9606, 8.1964

CSS Examples

Text

The CSS property to change the color of the text to YUV 29.5010, 40.6720, 21.4856 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(54, 1, 112)` looks like.

```
.text, #text, p{  
    color:rgb(54, 1, 112)  
}
```

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(54, 1, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 1, 112) }
```

Border

The CSS property to change the border of an element to YUV 29.5010, 40.6720, 21.4856 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(54, 1, 112) }
```


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

```
.border{ border-color:rgb(54, 1, 112) }
```

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

Here you see how a box with a 4 pixel rgb(54, 1, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 1, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 1, 112);  
box-shadow:4px 4px 4px 4px rgb(54, 1, 112)  
}
```

Background

The CSS property to change the background color of an element to YUV 29.5010, 40.6720, 21.4856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 1, 112) }
```

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

```
.background{ background-color: rgb(54, 1,  
112) }
```

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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