

Converting Colors

YUV(27.3610, 36.3040, 22.4854)

Have a look what the booklet for
YUV(27.3610, 36.3040, 22.4854)
contains.

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Color

**YUV(27.3610, 36.3040,
22.4854)**

Conversions

Conversions Part 1

Format	Color
Hex	350065
RGB	53, 0, 101
RGB Percent	21%, 0%, 40%
CMY	0.7922, 1.0000, 0.6039
CMYK	0.48, 1.00, 0.00, 0.60
HSL	271°, 100%, 20%
HSV	271°, 100%, 40%
XYZ	3.8172, 1.6965, 12.4382
YIQ	27.3610, -0.8330, 42.6470

Conversions

Conversions Part 2

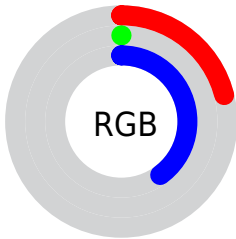
Format	Color
R_{YB}	53, 0, 101
Decimal	3473509
CIE _{Lab}	13.81, 42.75, -45.65
CIE _{LCh}	14, 62.545, 313.120
Yxy	1.6965, 0.2126, 0.0945
Android (android.graphics.Color)	4281663589 (0xFF350065)
YUV	27.3610, 36.3040, 22.4854
Hunter-Lab	13.0249, 29.5190, -47.5020

Details

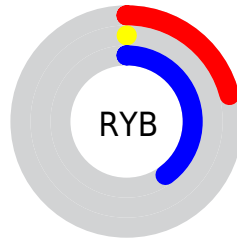
The YUV color **27.3610, 36.3040, 22.4854** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **73.6390, -36.3040, -22.4854**, and the grayscale version is **27.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **80.2470, 35.8672, 22.5854**, and **6.0420, 23.1503, -5.2988** is the 20% darker color. If you saturate the color by 10%, you get **27.3610, 36.3040, 22.4854**, and if you desaturate by 10%, it is **34.7260, 32.6731, 20.4113**.

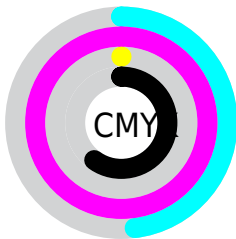
Distribution



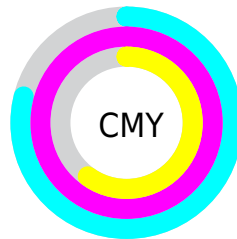
- Red (21%)
- Green (0%)
- Blue (40%)



- Red (21%)
- Yellow (0%)
- Blue (40%)



- Cyan (48%)
- Magenta (100%)
- Yellow (0%)
- Black (60%)



- Cyan (79%)
- Magenta (100%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 27.3610, 36.3040, 22.4854 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 27.3610, 36.3040, 22.4854 by changing the saturation by 10% instead.

■ 27.3610, 36.3040,
22.4854

■ 27.3610, 36.3040,
22.4854

■ 246.1950, 4.3409,
7.7220

■ 16.7370, 29.2167,
9.0007

■ 80.2470, 35.8672,
22.5854

■ 6.0420, 23.1503,
-5.2988

■ 106.0730, 36.4460,
23.6150

■ 4.7080, 12.9620,
-4.1289

■ 132.3120, 37.3142,
25.1594

■ 0.1140, 0.4368,
-0.1000

■ 159.2520, 38.3298,
26.0890

■ 0.0000, 0.0000,
0.0000

■ 185.5250, 34.2512,
27.6036

■ 210.3440, 22.0154,

32.1473

■ 229.1720, 12.7332,
22.6512

■ 27.3610, 36.3040,
22.4854

■ 34.7260, 32.6731,
20.4113

■ 42.0910, 29.0421,
18.3372

■ 49.1570, 25.5586,
15.6483

■ 56.5220, 21.9277,
13.5742

■ 64.4740, 18.0073,
10.9853

■ 71.8390, 14.3764,
8.9112

■ 79.2040, 10.7454,
6.8371

■ 86.2700, 7.2619,
4.1482

■ 93.6350, 3.6309,
2.0741

Harmonies

Analogous

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



35.8550, 43.4555, -31.4448



27.3610, 36.3040, 22.4854



35.4730, 13.0778, 52.2052

Triad

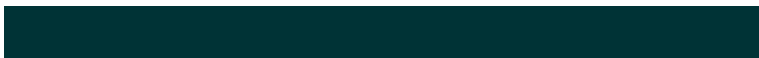
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



27.3610, 36.3040, 22.4854



32.6370, -16.0900, 27.5054



36.0930, 8.8282, -31.6536

Complementary

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



27.3610, 36.3040, 22.4854



73.6390, -36.3040, -22.4854

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.



29.5780, -13.5960, -25.9399



27.3610, 36.3040, 22.4854



31.5530, -15.5556, -3.9930

Square

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



27.3610, 36.3040, 22.4854



27.2090, -13.4140, 55.9447



27.0020, -13.3120, -23.6808



40.8810, 27.1737, -35.8526

Rectangle

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



27.3610, 36.3040, 22.4854



34.8580, -0.9160, 60.6375



27.0020, -13.3120, -23.6808



34.3830, 2.2762, -30.1539

Sweetspot

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



27.3610, 36.3040, 22.4854



101.7250, 13.9396, 9.0112



40.2770, 29.9364, -35.3229



48.6230, 8.5669, 5.5926



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



27.3610, 36.3040, 22.4854



35.1520, 46.7601, 28.8077



41.4850, 28.3549, 52.1947



47.4670, 1.7418, 1.3444



31.0500, 41.3873, 25.3892



65.5610, 86.9844, 53.8820

Inverse Universe

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



35.6710, 6.0782, 57.2935



45.9380, 7.9186, 73.7224



59.5150, -28.3549, -52.1947



47.7230, 0.1366, 2.8739



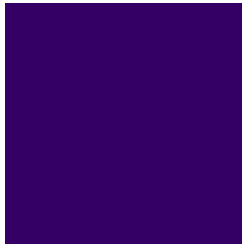
40.6550, 7.0721, 65.2006



85.4680, 14.5593, 137.2786

Previews

White Background



This preview shows how the YUV color 27.3610, 36.3040, 22.4854 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

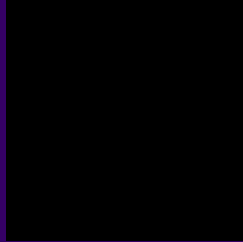
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 27.3610, 36.3040, 22.4854

Background



This preview shows how black text looks on a background with the YUV color 27.3610, 36.3040, 22.4854.



This preview shows how white text looks on a background with the YUV color 27.3610, 36.3040,

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



Protanopia

31.4260, 23.9470, -27.5606

Deuteranopia

31.8190, 17.8372, -27.9053

Tritanopia

39.0430, 1.4578, -0.9147

Trichromacy



Protanomaly

29.8010, 28.6921, -9.4725

Deuteranomaly

30.0630, 24.6189, -9.7023

Tritanomaly

34.7140, 13.9450, 7.2668

Monochromacy



Achromatopsia

27.0000, 0.0000, 0.0000

Achromatomaly

26.8990, 13.3608, 7.9816

CSS Examples

Text

The CSS property to change the color of the text to YUV 27.3610, 36.3040, 22.4854 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(53, 0, 101)` looks like.

```
.text, #text, p{  
    color:rgb(53, 0, 101)  
}
```

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(53, 0, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 0, 101) }
```

Border

The CSS property to change the border of an element to YUV 27.3610, 36.3040, 22.4854 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(53, 0, 101) }
```

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

```
.border{ border-color:rgb(53, 0, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 0, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 0, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 0, 101);  
box-shadow:4px 4px 4px 4px rgb(53, 0, 101)  
}
```


Background

The CSS property to change the background color of an element to YUV 27.3610, 36.3040, 22.4854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 0, 101) }
```

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

```
.background{ background-color: rgb(53, 0,  
101) }
```

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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