

Converting Colors

YUV(29.3370, 5.7499, 22.5065)

Have a look what the booklet for
YUV(29.3370, 5.7499, 22.5065)
contains.

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Color

**YUV(29.3370, 5.7499,
22.5065)**

Conversions

Conversions Part 1

Format	Color
Hex	370E29
RGB	55, 14, 41
RGB Percent	22%, 5%, 16%
CMY	0.7843, 0.9451, 0.8392
CMYK	0.00, 0.75, 0.25, 0.78
HSL	320°, 59%, 14%
HSV	320°, 75%, 22%
XYZ	2.1328, 1.2864, 2.2337
YIQ	29.3370, 15.7690, 17.0890

Conversions

Conversions Part 2

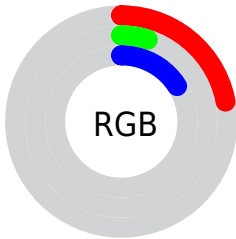
Format	Color
R_{YB}	55, 14, 41
Decimal	3608105
CIE Lab	11.18, 23.87, -7.89
CIE LCh	11, 25.143, 341.716
Yxy	1.2864, 0.3773, 0.2276
Android (android.graphics.Color)	4281798185 (0xFF370E29)
YUV	29.3370, 5.7499, 22.5065
Hunter-Lab	11.3419, 13.7181, -3.7374

Details

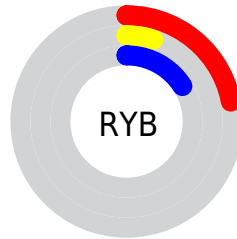
The YUV color **29.3370, 5.7499, 22.5065** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **39.6630, -5.7499, -22.5065**, and the grayscale version is **29.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **75.5330, 5.1602, 24.9656**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **26.1740, 6.3232, 25.2804**, and if you desaturate by 10%, it is **32.5000, 5.1765, 19.7325**.

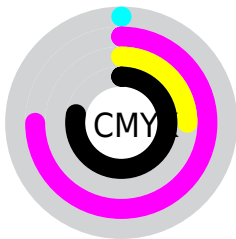
Distribution



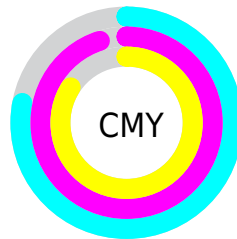
- Red (22%)
- Green (5%)
- Blue (16%)



- Red (22%)
- Yellow (5%)
- Blue (16%)



- Cyan (0%)
- Magenta (75%)
- Yellow (25%)
- Black (78%)



- Cyan (78%)
- Magenta (95%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 29.3370, 5.7499, 22.5065 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 29.3370, 5.7499, 22.5065 by changing the saturation by 10% instead.

■ 29.3370, 5.7499,
22.5065

■ 29.3370, 5.7499,
22.5065

■ 247.9560, 3.4727,
6.1776

■ 13.1580, 3.8661,
20.0324

■ 75.5330, 5.1602,
24.9656

■ 0.0000, 0.0000,
0.0000

■ 99.9460, 5.4496,
25.4804

■ 124.9570, 5.4442,
27.2247

■ 151.2560, 5.2968,
27.8395

■ 177.9680, 5.4388,
28.9691

■ 206.2670, 5.2914,

29.5838

 229.7930, 7.4971,
22.1065

 29.3370, 5.7499,
22.5065

 29.3370, 5.7499,
22.5065


 26.1740, 6.3232,
25.2804


 32.5000, 5.1765,
19.7325


 22.4240, 7.1860,
28.5692

 36.2500, 4.3137,
16.4438

 20.5490, 7.6173,
30.2135

 39.4130, 3.7404,
13.6698

 43.1630, 2.8776,
10.3810

 46.7990, 1.5781,
7.1923

■ 49.9620, 1.0047,
4.4183

■ 53.7120, 0.1420,
1.1296

■ 56.8750, -0.4314,
-1.6444

■ 60.6250, -1.2941,
-4.9331

Harmonies

Analogous

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



30.9590, 12.3452, 7.0520



29.3370, 5.7499, 22.5065



27.7200, -1.8340, 28.3096

Triad

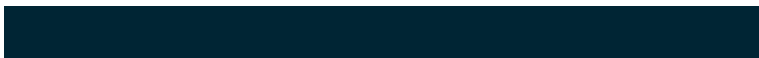
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



29.3370, 5.7499, 22.5065



28.0640, -13.8356, 4.3289



27.6470, 12.0060, -24.2464

Complementary

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



29.3370, 5.7499, 22.5065



39.6630, -5.7499, -22.5065

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.



26.4100, 4.7279, -23.1616



29.3370, 5.7499, 22.5065



25.0300, -12.3398, -8.7963

Square

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



29.3370, 5.7499, 22.5065



28.7280, -14.1629, 16.0245



23.7710, -2.8451, -20.8472



27.6130, 16.9528, -24.2166

Rectangle

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



29.3370, 5.7499, 22.5065



27.5860, -8.6699, 27.5501



23.7710, -2.8451, -20.8472



27.6640, 9.5326, -24.2613

Sweetspot

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



29.3370, 5.7499, 22.5065



61.6250, 2.1569, 8.2219



22.8600, 15.8450, 4.5078



29.7880, 1.5835, 5.4479



163.0000, 0.0000, 0.0000



36.0000, 0.0000, 0.0000

Same Dimension

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



29.3370, 5.7499, 22.5065



31.6250, 9.0589, 34.5319



27.0570, -2.9861, 24.5060



26.1250, 0.4314, 1.6444



34.3480, 12.6464, 50.5608



81.8970, 30.6168, 120.2393

Inverse Universe

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



29.3370, 5.7499, 22.5065



31.6250, 9.0589, 34.5319



41.9430, 2.9861, -24.5060



26.1250, 0.4314, 1.6444



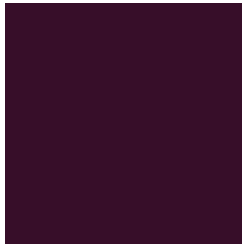
34.3480, 12.6464, 50.5608



81.8970, 30.6168, 120.2393

Previews

White Background



This preview shows how the YUV color 29.3370, 5.7499, 22.5065 looks on a white background.

Color Contrast Check

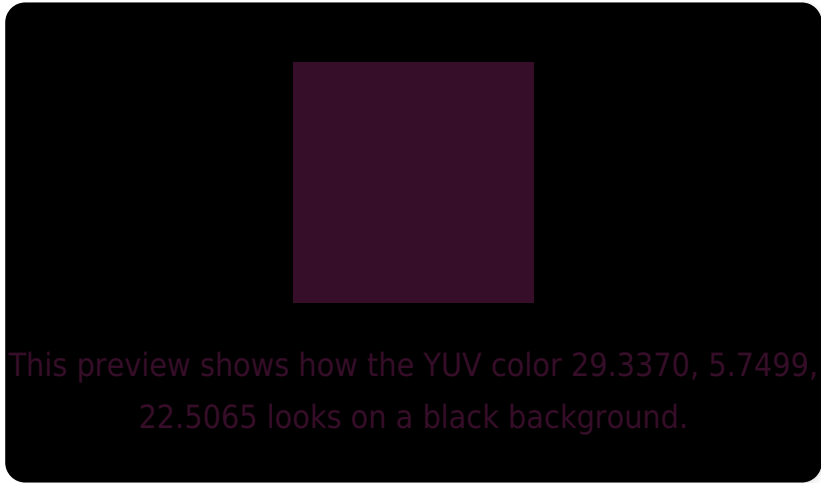
Large Text (above 18pt) WCAG AA ✓ Pass

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

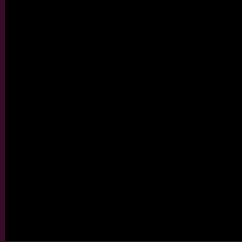
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 29.3370, 5.7499, 22.5065

Background



This preview shows how black text looks on a background with the YUV color 29.3370, 5.7499, 22.5065.



This preview shows how white text looks on a background with the YUV color 29.3370, 5.7499,

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

29.3370, 5.7499, 22.5065

Protanopia

30.9310, 11.3730, -7.8325

Deuteranopia

31.9120, 3.4944, -0.7998



Tritanopia

29.9810, -4.4276, 20.1877

Trichromacy



Original Color

29.3370, 5.7499, 22.5065

Protanomaly

30.4270, 9.1565, 3.1335

Deuteranomaly

31.1950, 4.3409, 7.7220

Tritanomaly

29.9040, -0.9387, 21.1322

Monochromacy



Original Color

29.3370, 5.7499, 22.5065

Achromatopsia

29.0000, 0.0000, 0.0000

Achromatomaly

29.2120, 1.8675, 7.7071

CSS Examples

Text

The CSS property to change the color of the text to YUV 29.3370, 5.7499, 22.5065 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(55, 14, 41)` looks like.

```
.text, #text, p{  
    color:rgb(55, 14, 41)  
}
```

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(55, 14, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 14, 41) }
```

Border

The CSS property to change the border of an element to YUV 29.3370, 5.7499, 22.5065 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(55, 14, 41) }
```


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

```
.border{ border-color:rgb(55, 14, 41) }
```

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

Here you see how a box with a 4 pixel rgb(55, 14, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 14, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 14, 41);  
box-shadow:4px 4px 4px 4px rgb(55, 14, 41)  
}
```

Background

The CSS property to change the background color of an element to YUV 29.3370, 5.7499, 22.5065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 14, 41) }
```

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

```
.background{ background-color: rgb(55, 14,  
41) }
```

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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