

Converting Colors

YUV(29.6370, 7.5740, 44.1684)

Have a look what the booklet for
YUV(29.6370, 7.5740, 44.1684)
contains.

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Color

**YUV(29.6370, 7.5740,
44.1684)**

Conversions

Conversions Part 1

Format	Color
Hex	50012D
RGB	80, 1, 45
RGB Percent	31%, 0%, 18%
CMY	0.6863, 0.9961, 0.8235
CMYK	0.00, 0.99, 0.44, 0.69
HSL	327°, 98%, 16%
HSV	327°, 99%, 31%
XYZ	3.7928, 1.9166, 2.6527
YIQ	29.6370, 32.9600, 30.4320

Conversions

Conversions Part 2

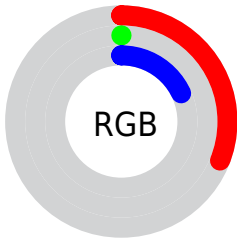
Format	Color
R _Y B	80, 1, 45
Decimal	5243181
CIE Lab	15.04, 37.05, -4.46
CIE LCh	15, 37.319, 353.143
Yxy	1.9166, 0.4536, 0.2292
Android (android.graphics.Color)	4283433261 (0xFF50012D)
YUV	29.6370, 7.5740, 44.1684
Hunter-Lab	13.8443, 24.6743, -1.6694

Details

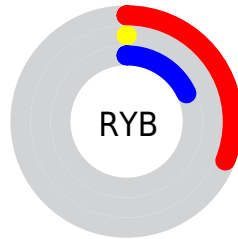
The YUV color **29.6370, 7.5740, 44.1684** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **51.3630, -7.5740, -44.1684**, and the grayscale version is **30.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **83.0130, 3.9376, 43.8386**, and **8.7850, -3.8380, 17.7286** is the 20% darker color. If you saturate the color by 10%, you get **29.0500, 7.8634, 44.6832**, and if you desaturate by 10%, it is **34.7890, 7.0060, 39.6500**.

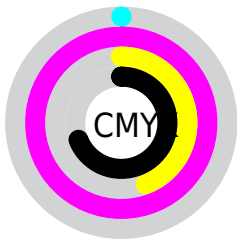
Distribution



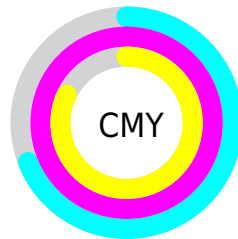
- Red (31%)
- Green (0%)
- Blue (18%)



- Red (31%)
- Yellow (0%)
- Blue (18%)



- Cyan (0%)
- Magenta (99%)
- Yellow (44%)
- Black (69%)



- Cyan (69%)
- Magenta (100%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 29.6370, 7.5740, 44.1684 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 29.6370, 7.5740, 44.1684 by changing the saturation by 10% instead.

■ 29.6370, 7.5740,
44.1684

■ 29.6370, 7.5740,
44.1684

■ 248.5430, 3.1833,
5.6628

■ 19.2950, 2.8126,
31.3133

■ 83.0130, 3.9376,
43.8386

■ 8.7850, -3.8380,
17.7286

■ 108.4970, 3.2060,
45.1681

■ 0.0000, 0.0000,
0.0000

■ 134.5080, 3.2006,
46.9125

■ 161.4050, 2.7583,
48.7568

■ 189.0030, 2.4635,
49.9864

■ 211.3220, 5.2643,

38.3056

 231.0640, 9.8284,
20.9919

 29.6370, 7.5740,
44.1684


 29.6370, 7.5740,
44.1684


 29.0500, 7.8634,
44.6832

 34.7890, 7.0060,
39.6500

 39.8270, 6.0013,
35.2317

 44.9790, 5.4334,
30.7134

 50.0170, 4.4286,
26.2951

 55.1690, 3.8607,
21.7768

■ 60.2070, 2.8559,
17.3585

■ 65.3590, 2.2880,
12.8402

■ 70.3970, 1.2833,
8.4218

■ 75.5490, 0.7153,
3.9035

Harmonies

Analogous

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



37.0840, 16.2276, 21.8513



29.6370, 7.5740, 44.1684



29.0320, -4.9458, 46.4529

Triad

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



29.6370, 7.5740, 44.1684



33.3250, -16.4292, -3.7930



37.2960, 21.0531, -32.7086

Complementary

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



29.6370, 7.5740, 44.1684



51.3630, -7.5740, -44.1684

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.



35.3750, 11.1541, -31.0239



29.6370, 7.5740, 44.1684



27.0020, -13.3120, -23.6808

Square

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



29.6370, 7.5740, 44.1684



36.3920, -17.9413, 14.5652



31.7100, -0.3500, -27.8097



35.6150, 27.3048, -31.2344

Rectangle

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



29.6370, 7.5740, 44.1684



32.4150, -15.9806, 39.1010



31.7100, -0.3500, -27.8097



36.6120, 18.4323, -32.1087

Sweetspot

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



29.6370, 7.5740, 44.1684



84.6200, 3.1453, 17.8733



20.1720, 29.4952, 13.0042



41.2340, 1.8566, 11.1958



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



29.6370, 7.5740, 44.1684



38.0070, 9.8565, 58.7529



25.1910, -9.4612, 48.0675



38.4240, 0.2840, 2.2592



84.0740, 22.1485, 129.7311

Inverse Universe

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



29.6370, 7.5740, 44.1684



38.0070, 9.8565, 58.7529



55.8090, 9.4612, -48.0675



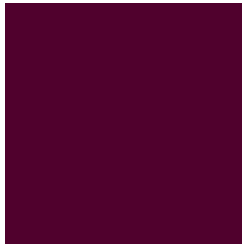
38.4240, 0.2840, 2.2592



84.0740, 22.1485, 129.7311

Previews

White Background



This preview shows how the YUV color 29.6370, 7.5740, 44.1684 looks on a white background.

Color Contrast Check

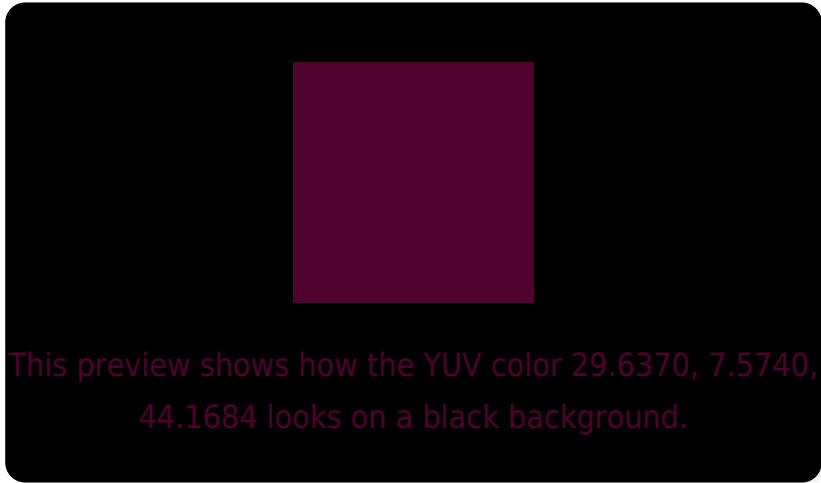
Large Text (above 18pt) WCAG AA ✓ Pass

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

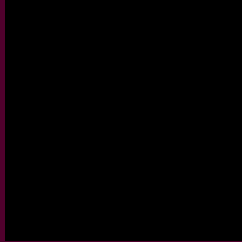
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 29.6370, 7.5740, 44.1684

Background



This preview shows how black text looks on a background with the YUV color 29.6370, 7.5740, 44.1684.



This preview shows how white text looks on a background with the YUV color 29.6370, 7.5740,

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

29.6370, 7.5740, 44.1684

Protanopia

41.6430, 11.5150, -6.7029

Deuteranopia

42.6090, -0.3002, 2.9739



Tritanopia

36.2390, -8.9918, 37.5014

Trichromacy



Original Color

29.6370, 7.5740, 44.1684

Protanomaly

37.1230, 10.2924, 12.1701

Deuteranomaly

37.5060, 2.7085, 17.9732

Tritanomaly

33.8570, -2.8875, 39.5904

Monochromacy



Original Color

29.6370, 7.5740, 44.1684

Achromatopsia

30.0000, 0.0000, 0.0000

Achromatomaly

29.4950, 2.7140, 16.2289

CSS Examples

Text

The CSS property to change the color of the text to YUV 29.6370, 7.5740, 44.1684 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(80, 1, 45)` looks like.

```
.text, #text, p{  
    color:rgb(80, 1, 45)  
}
```

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(80, 1, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 1, 45) }
```

Border

The CSS property to change the border of an element to YUV 29.6370, 7.5740, 44.1684 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(80, 1, 45) }
```

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

```
.border{ border-color:rgb(80, 1, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 1, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 1, 45); -webkit-box-shadow:4px  
4px 4px 4px rgb(80, 1, 45); box-shadow:4px  
4px 4px 4px rgb(80, 1, 45) }
```

Background

The CSS property to change the background color of an element to YUV 29.6370, 7.5740, 44.1684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 1, 45) }
```

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

```
.background{ background-color: rgb(80, 1,  
45) }
```

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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