

Converting Colors

YUV(46.2770, 6.7654, 23.4361)

Have a look what the booklet for
YUV(46.2770, 6.7654, 23.4361)
contains.

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Color

**YUV(46.2770, 6.7654,
23.4361)**

Conversions

Conversions Part 1

Format	Color
Hex	491E3C
RGB	73, 30, 60
RGB Percent	29%, 12%, 24%
CMY	0.7137, 0.8824, 0.7647
CMYK	0.00, 0.59, 0.18, 0.71
HSL	318°, 42%, 20%
HSV	318°, 59%, 29%
XYZ	4.0275, 2.6713, 4.5783
YIQ	46.2770, 15.9980, 18.4460

Conversions

Conversions Part 2

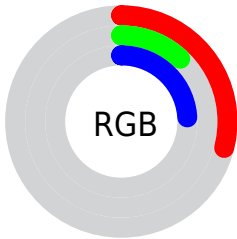
Format	Color
R_{YB}	73, 30, 60
Decimal	4791868
CIE _{Lab}	18.68, 24.85, -9.76
CIE _{LCh}	19, 26.698, 338.556
Yxy	2.6713, 0.3571, 0.2369
Android (android.graphics.Color)	4282981948 (0xFF491E3C)
YUV	46.2770, 6.7654, 23.4361
Hunter-Lab	16.3440, 15.3846, -5.1676

Details

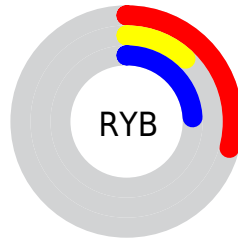
The YUV color **46.2770, 6.7654, 23.4361** is a dark color, and the websafe version is hex **330033**, and the color name is [rabbit-ear iris \(kakitsubata\)](#). A complement of this color would be **56.7230, -6.7654, -23.4361**, and the grayscale version is **46.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **93.5870, 6.6126, 25.7952**, and **10.6090, 3.1508, 16.1289** is the 20% darker color. If you saturate the color by 10%, you get **41.9400, 7.9176, 27.2396**, and if you desaturate by 10%, it is **50.6140, 5.6133, 19.6325**.

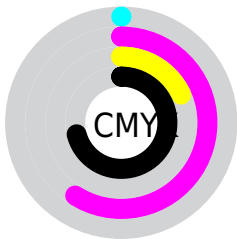
Distribution



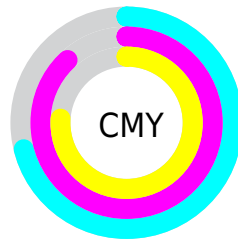
- Red (29%)
- Green (12%)
- Blue (24%)



- Red (29%)
- Yellow (12%)
- Blue (24%)



- Cyan (0%)
- Magenta (59%)
- Yellow (18%)
- Black (71%)



- Cyan (71%)
- Magenta (88%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 46.2770, 6.7654, 23.4361 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 46.2770, 6.7654, 23.4361 by changing the saturation by 10% instead.

■ 46.2770, 6.7654,
23.4361

■ 46.2770, 6.7654,
23.4361

■ 255.0000, 0.0000,
0.0000

■ 23.0920, 7.3496,
22.7213

■ 93.5870, 6.6126,
25.7952

■ 10.6090, 3.1508,
16.1289

■ 119.0000, 6.9020,
26.3100

■ 0.0000, 0.0000,
0.0000

■ 144.7120, 7.0440,
27.4396

■ 171.4240, 7.1860,
28.5692

■ 199.0220, 6.8912,
29.7987

■ 225.3420, 8.2124,

26.0101

243.2600, 5.7878,
10.2960

46.2770, 6.7654,
23.4361

46.2770, 6.7654,
23.4361

41.9400, 7.9176,
27.2396

50.6140, 5.6133,
19.6325

37.0160, 9.3591,
31.5580

55.5380, 4.1718,
15.3142

32.5650, 10.0745,
35.4615

59.9890, 3.4564,
11.4106

28.2280, 11.2266,
39.2650

64.3260, 2.3043,
7.6071

27.6410, 11.5160,
39.7798

68.6630, 1.1521,
3.8035

■ 73.5870, -0.2894,
-0.5148

■ 77.9240, -1.4415,
-4.3183

■ 82.3750, -2.1569,
-8.2219

■ 87.2990, -3.5984,
-12.5402

Harmonies

Analogous

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



47.1160, 14.2398, 6.0373



46.2770, 6.7654, 23.4361



44.4430, -1.6974, 31.1835

Triad

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



46.2770, 6.7654, 23.4361



42.2510, -20.8297, 7.6729



39.5640, 14.5119, -34.6976

Complementary

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



46.2770, 6.7654, 23.4361



56.7230, -6.7654, -23.4361

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.



38.0990, 6.3602, -33.4128



46.2770, 6.7654, 23.4361



40.3890, -13.5028, -9.1112

Square

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



46.2770, 6.7654, 23.4361



43.6100, -18.5417, 20.5130



35.2320, -2.0864, -30.8985



39.1710, 20.6217, -34.3530

Rectangle

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



46.2770, 6.7654, 23.4361



44.1350, -7.9546, 31.4536



35.2320, -2.0864, -30.8985



38.8800, 11.8912, -34.0978

Sweetspot

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



46.2770, 6.7654, 23.4361



83.4510, 2.7357, 9.2515



38.7890, 16.8660, 3.6930



41.7880, 1.5835, 5.4479



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



46.2770, 6.7654, 23.4361



52.3910, 10.6532, 36.4911



43.8830, -2.4073, 25.5356



33.5380, 0.7208, 2.1592



37.4670, 15.5458, 53.9644



85.8850, 35.5527, 123.7579

Inverse Universe

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



46.2770, 6.7654, 23.4361



52.3910, 10.6532, 36.4911



59.1170, 2.4073, -25.5356



33.5380, 0.7208, 2.1592



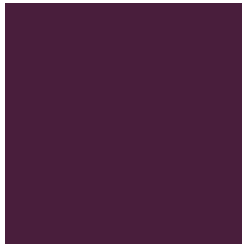
37.4670, 15.5458, 53.9644



85.8850, 35.5527, 123.7579

Previews

White Background



This preview shows how the YUV color 46.2770, 6.7654, 23.4361 looks on a white background.

Color Contrast Check

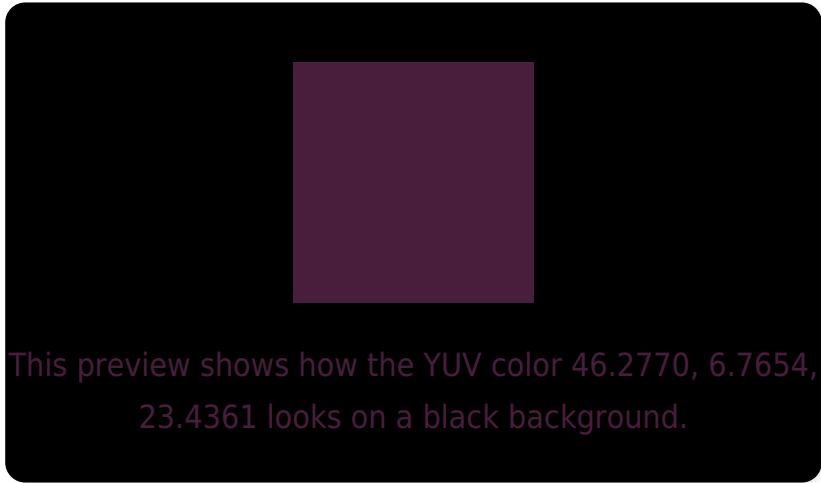
Large Text (above 18pt) WCAG AA ✓ Pass

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

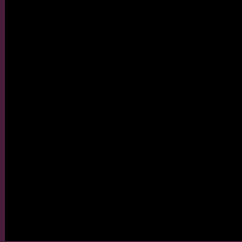
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 46.2770, 6.7654, 23.4361

Background



This preview shows how black text looks on a background with the YUV color 46.2770, 6.7654, 23.4361.



This preview shows how white text looks on a background with the YUV color 46.2770, 6.7654,

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

46.2770, 6.7654, 23.4361

Protanopia

46.2730, 12.6834, -8.1324

Deuteranopia

46.4820, 5.6784, -1.2997



Tritanopia

46.1060, -3.9963, 21.8320

Trichromacy



Original Color

46.2770, 6.7654, 23.4361

Protanomaly

46.1820, 10.7563, 3.3484

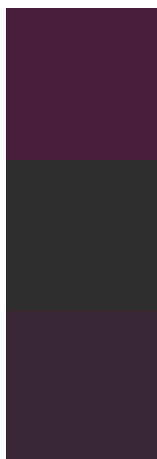
Deuteranomaly

46.6510, 6.0881, 7.3221

Tritanomaly

46.1430, -0.0705, 22.6766

Monochromacy



Original Color

46.2770, 6.7654, 23.4361

Achromatopsia

46.0000, 0.0000, 0.0000

Achromatomaly

46.0380, 2.4463, 8.7367

CSS Examples

Text

The CSS property to change the color of the text to YUV 46.2770, 6.7654, 23.4361 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(73, 30, 60)` looks like.

```
.text, #text, p{  
    color:rgb(73, 30, 60)  
}
```

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(73, 30, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 30, 60) }
```

Border

The CSS property to change the border of an element to YUV 46.2770, 6.7654, 23.4361 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(73, 30, 60) }
```


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

```
.border{ border-color:rgb(73, 30, 60) }
```

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

Here you see how a box with a 4 pixel rgb(73, 30, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 30, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 30, 60);  
box-shadow:4px 4px 4px 4px rgb(73, 30, 60)  
}
```

Background

The CSS property to change the background color of an element to YUV 46.2770, 6.7654, 23.4361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 30, 60) }
```

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

```
.background{ background-color: rgb(73, 30,  
60) }
```

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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