

Converting Colors

YUV(46.5640, -8.6591, 24.0614)

Have a look what the booklet for
YUV(46.5640, -8.6591, 24.0614)
contains.

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Color

**YUV(46.5640, -8.6591,
24.0614)**

Conversions

Conversions Part 1

Format	Color
Hex	4A241D
RGB	74, 36, 29
RGB Percent	29%, 14%, 11%
CMY	0.7098, 0.8588, 0.8863
CMYK	0.00, 0.51, 0.61, 0.71
HSL	9°, 44%, 20%
HSV	9°, 61%, 29%
XYZ	3.6767, 2.8063, 1.5103
YIQ	46.5640, 24.8950, 5.8790

Conversions

Conversions Part 2

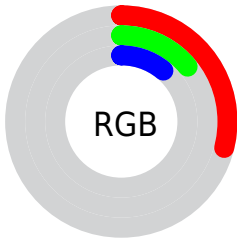
Format	Color
R_{YB}	74, 37, 29
Decimal	4858909
CIE Lab	19.25, 17.16, 12.72
CIE LCh	19, 21.359, 36.561
Yxy	2.8063, 0.4600, 0.3511
Android (android.graphics.Color)	4283048989 (0xFF4A241D)
YUV	46.5640, -8.6591, 24.0614
Hunter-Lab	16.7520, 9.8606, 6.3811

Details

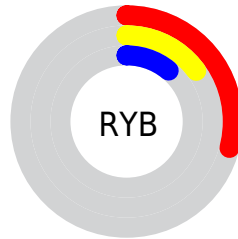
The YUV color **46.5640, -8.6591, 24.0614** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **56.4360, 8.6591, -24.0614**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **93.2440, -9.9803, 27.8500**, and **8.1870, -3.5432, 16.4990** is the 20% darker color. If you saturate the color by 10%, you get **42.2440, -9.9803, 27.8500**, and if you desaturate by 10%, it is **50.8840, -7.3378, 20.2727**.

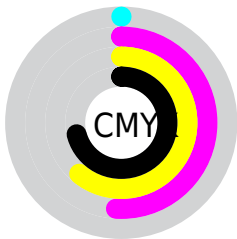
Distribution



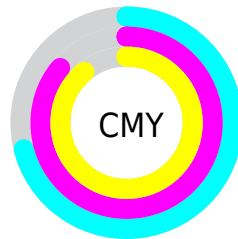
- Red (29%)
- Green (14%)
- Blue (11%)



- Red (29%)
- Yellow (15%)
- Blue (11%)



- Cyan (0%)
- Magenta (51%)
- Yellow (61%)
- Black (71%)



- Cyan (71%)
- Magenta (86%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 46.5640, -8.6591, 24.0614 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 46.5640, -8.6591, 24.0614 by changing the saturation by 10% instead.

■ 46.5640, -8.6591,
24.0614

■ 46.5640, -8.6591,
24.0614

■ 255.0000, 0.0000,
0.0000

■ 24.2110, -9.9640,
22.6170

■ 93.2440, -9.9803,
27.8500

■ 8.1870, -3.5432,
16.4990

■ 118.6140,
-11.1487, 29.2795

■ 0.0000, 0.0000,
0.0000

■ 144.2120,
-11.4435, 30.5091

■ 171.1090,
-11.8857, 32.3534

■ 198.2940,
-12.4699, 33.0682

■ 223.6030,

-11.1433, 27.5352

243.8180, -7.3053,
9.8066

46.5640, -8.6591,
24.0614

46.5640, -8.6591,
24.0614

42.2440, -9.9803,
27.8500

50.8840, -7.3378,
20.2727

37.8100, -11.7383,
31.7386

55.3180, -5.5798,
16.3841

32.9030, -12.7702,
36.0421

60.2250, -4.5479,
12.0807

29.1700, -14.3808,
39.3159

64.6590, -2.7899,
8.1921

68.9790, -1.4686,
4.4034

■ 73.2990, -0.1474,
0.6148

■ 78.3200, 1.3212,
-3.7886

■ 82.6400, 2.6425,
-7.5773

■ 87.0740, 4.4005,
-11.4659

Harmonies

Analogous

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



47.1110, -1.5337, 25.3357



46.5640, -8.6591, 24.0614



45.8530, -13.7315, 17.6689

Triad

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



46.5640, -8.6591, 24.0614



39.7600, -2.8397, -22.5915



44.1410, 16.1995, -15.9097

Complementary

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



46.5640, -8.6591, 24.0614



56.4360, 8.6591, -24.0614

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.



39.0740, 17.7115, -34.2679



46.5640, -8.6591, 24.0614



37.9850, 5.9234, -33.3128

Square

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



46.5640, -8.6591, 24.0614



43.0950, -10.8928, -6.2223



39.1080, 12.7648, -34.2977



47.8230, 11.9193, 3.6632

Rectangle

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



46.5640, -8.6591, 24.0614



45.0540, -15.3096, 10.4766



39.1080, 12.7648, -34.2977



41.2430, 18.1212, -25.6461

Sweetspot

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



46.5640, -8.6591, 24.0614



86.1430, -3.5215, 9.5216



46.7870, 9.9650, 23.8658



41.5770, -1.7635, 5.6330



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.



46.5640, -8.6591, 24.0614



53.6860, -13.6492, 37.9864



59.4780, -15.0257, 12.7358



35.7830, -0.8790, 1.9443



39.8900, -19.6658, 54.4705



89.9020, -44.3217, 122.8659

Inverse Universe

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



56.4360, 8.6591, -24.0614



69.3140, 13.6492, -37.9864



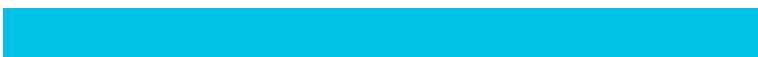
43.5220, 15.0257, -12.7358



36.8040, 0.5896, -2.4591



62.1100, 19.6658, -54.4705



140.0980, 44.3217, -122.8659

Previews

White Background



This preview shows how the YUV color 46.5640, -8.6591, 24.0614 looks on a white background.

Color Contrast Check

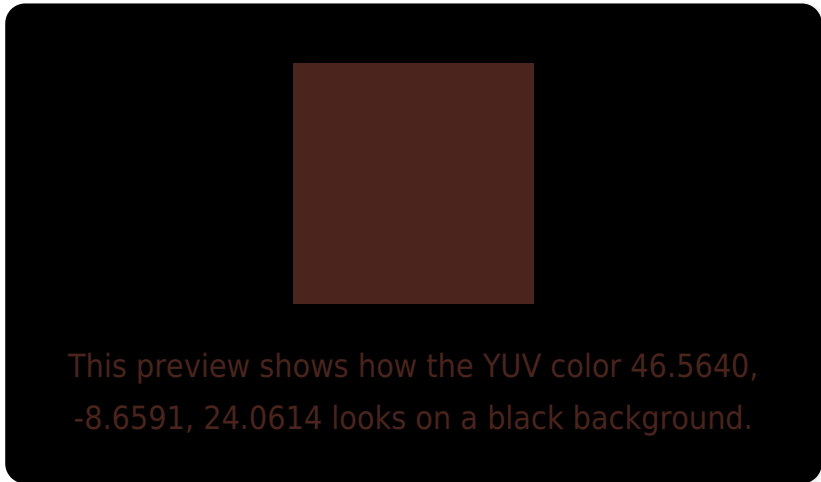
Large Text (above 18pt) WCAG AA ✓ Pass

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 46.5640, -8.6591, 24.0614

Background



This preview shows how black text looks on a background with the YUV color 46.5640, -8.6591, 24.0614.

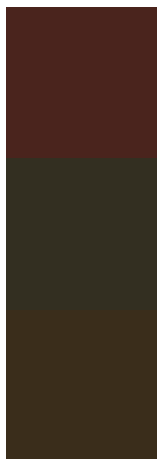


This preview shows how white text looks on a background with the YUV color 46.5640, -8.6591,

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

46.5640, -8.6591, 24.0614

Protanopia

46.6000, -6.7048, 3.8588

Deuteranopia

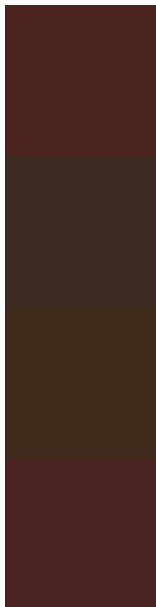
46.8350, -9.7787, 9.7917



Tritanopia

46.8890, -4.8753, 23.7763

Trichromacy



Original Color

46.5640, -8.6591, 24.0614

Protanomaly

46.5300, -7.1633, 10.9362

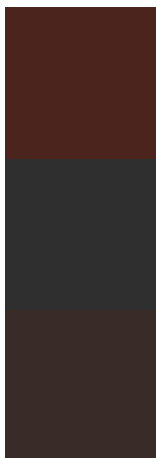
Deuteranomaly

46.9820, -9.3581, 14.9248

Tritanomaly

46.5470, -6.1857, 24.0763

Monochromacy



Original Color

46.5640, -8.6591, 24.0614

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

46.8440, -3.3741, 8.9068

CSS Examples

Text

The CSS property to change the color of the text to YUV 46.5640, -8.6591, 24.0614 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(74, 36, 29)` looks like.

```
.text, #text, p{  
    color:rgb(74, 36, 29)  
}
```

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(74, 36, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 36, 29) }
```

Border

The CSS property to change the border of an element to YUV 46.5640, -8.6591, 24.0614 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(74, 36, 29) }
```


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

```
.border{ border-color:rgb(74, 36, 29) }
```

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

Here you see how a box with a 4 pixel rgb(74, 36, 29) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 36, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 36, 29);  
box-shadow:4px 4px 4px 4px rgb(74, 36, 29)  
}
```

Background

The CSS property to change the background color of an element to YUV 46.5640, -8.6591, 24.0614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 36, 29) }
```

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

```
.background{ background-color: rgb(74, 36,  
29) }
```

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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