

Converting Colors

YUV(45.0360, -7.9057, 15.7544)

Have a look what the booklet for
YUV(45.0360, -7.9057, 15.7544)
contains.

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Color

**YUV(45.0360, -7.9057,
15.7544)**

Conversions

Conversions Part 1

Format	Color
Hex	3F271D
RGB	63, 39, 29
RGB Percent	25%, 15%, 11%
CMY	0.7529, 0.8471, 0.8863
CMYK	0.00, 0.38, 0.54, 0.75
HSL	18°, 37%, 18%
HSV	18°, 54%, 25%
XYZ	2.9972, 2.5965, 1.5056
YIQ	45.0360, 17.5140, 1.9780

Conversions

Conversions Part 2

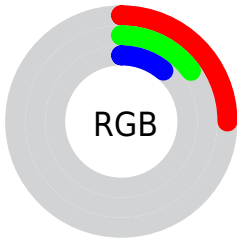
Format	Color
RYB	63, 43, 29
Decimal	4138781
CIELab	18.35, 9.91, 11.22
CIElCh	18, 14.967, 48.554
Yxy	2.5965, 0.4222, 0.3657
Android (android.graphics.Color)	4282328861 (0xFF3F271D)
YUV	45.0360, -7.9057, 15.7544
Hunter-Lab	16.1137, 5.0025, 5.7397

Details

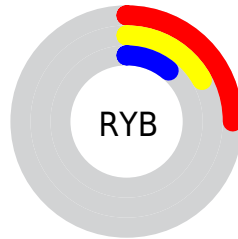
The YUV color **45.0360, -7.9057, 15.7544** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **46.9640, 7.9057, -15.7544**, and the grayscale version is **45.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **91.1180, -8.9322, 18.3135**, and **2.0930, -1.0318, 4.3034** is the 20% darker color. If you saturate the color by 10%, you get **42.0040, -9.3690, 18.4135**, and if you desaturate by 10%, it is **48.0680, -6.4425, 13.0954**.

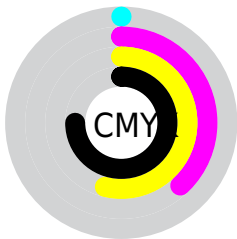
Distribution



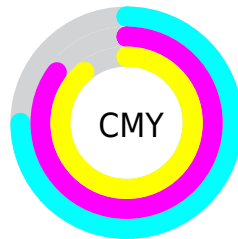
- Red (25%)
- Green (15%)
- Blue (11%)



- Red (25%)
- Yellow (17%)
- Blue (11%)



- Cyan (0%)
- Magenta (38%)
- Yellow (54%)
- Black (75%)



- Cyan (75%)
- Magenta (85%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 45.0360, -7.9057, 15.7544 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 45.0360, -7.9057, 15.7544 by changing the saturation by 10% instead.

■ 45.0360, -7.9057,
15.7544

■ 45.0360, -7.9057,
15.7544

255.0000, 0.0000,
0.0000

■ 23.2810, -9.5055,
15.5396

■ 91.1180, -8.9322,
18.3135

■ 2.0930, -1.0318,
4.3034

■ 115.6020, -9.6638,
19.6430

■ 0.0000, 0.0000,
0.0000

■ 141.7870,
-10.2480, 20.3578

■ 168.0860,
-10.3954, 20.9726

■ 195.3850,
-10.5428, 21.5874

■ 223.5700,

-11.1270, 22.3021

244.9920, -7.8841,
8.7770

45.0360, -7.9057,
15.7544

45.0360, -7.9057,
15.7544

42.0040, -9.3690,
18.4135

48.0680, -6.4425,
13.0954

38.2710, -10.9796,
21.6873

51.8010, -4.8319,
9.8215

35.2390, -12.4428,
24.3464

54.8330, -3.3687,
7.1625

31.6200, -13.6167,
27.5203

58.4520, -2.1948,
3.9886

29.9900, -14.7851,
28.9498

61.5980, -0.2948,
1.2296

■ 65.2170, 0.8790,
-1.9443

■ 68.2490, 2.3422,
-4.6034

■ 71.8680, 3.5161,
-7.7772

■ 75.0140, 5.4161,
-10.5363

Harmonies

Analogous

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



45.7850, -3.8380, 17.7286



45.0360, -7.9057, 15.7544



44.7210, -10.2155, 9.8917

Triad

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



45.0360, -7.9057, 15.7544



39.5910, 0.2016, -18.0583



44.6110, 10.0518, -4.0438

Complementary

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



45.0360, -7.9057, 15.7544



46.9640, 7.9057, -15.7544

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.



41.6910, 11.9843, -17.2690



45.0360, -7.9057, 15.7544



37.2460, 6.7807, -28.2797

Square

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



45.0360, -7.9057, 15.7544



42.0500, -5.9406, -7.9368



36.9130, 11.8749, -28.8647



46.3520, 6.2355, 6.7073

Rectangle

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



45.0360, -7.9057, 15.7544



43.6880, -10.1992, 4.6586



36.9130, 11.8749, -28.8647



44.1050, 10.7942, -8.8621

Sweetspot

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



45.0360, -7.9057, 15.7544



74.6480, -2.7845, 6.4477



41.9020, 5.4713, 18.5029



36.5660, -1.7580, 3.8886



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



45.0360, -7.9057, 15.7544



53.6520, -12.1534, 24.8612



55.0150, -12.8254, 7.0028



28.8970, -0.4422, 1.8443



44.5420, -21.9592, 43.3747



104.5330, -51.5348, 103.0186

Inverse Universe

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



46.9640, 7.9057, -15.7544



56.7610, 12.4428, -24.3464



36.9850, 12.8254, -7.0028



29.5160, 0.7316, -1.3295



50.0450, 21.6698, -43.8895



117.4670, 51.5348, -103.0186

Previews

White Background



This preview shows how the YUV color 45.0360, -7.9057, 15.7544 looks on a white background.

Color Contrast Check

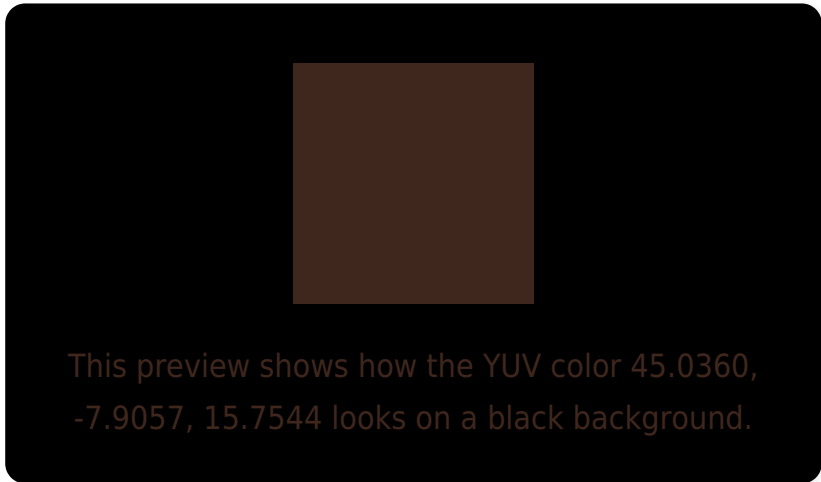
Large Text (above 18pt) WCAG AA ✓ Pass

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

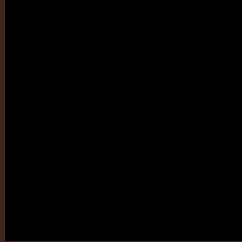
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 45.0360, -7.9057, 15.7544

Background



This preview shows how black text looks on a background with the YUV color 45.0360, -7.9057, 15.7544.

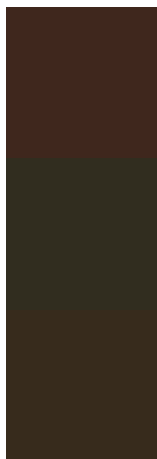


This preview shows how white text looks on a background with the YUV color 45.0360, -7.9057,

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

45.0360, -7.9057, 15.7544

Protanopia

44.6000, -6.7048, 3.8588

Deuteranopia

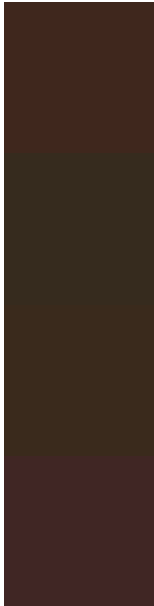
44.8780, -8.3209, 8.8770



Tritanopia

46.0020, -2.9590, 15.7842

Trichromacy



Original Color

45.0360, -7.9057, 15.7544

Protanomaly

44.8070, -7.2999, 8.0623

Deuteranomaly

45.1880, -8.4737, 11.2361

Tritanomaly

45.5460, -4.7062, 16.1842

Monochromacy



Original Color

45.0360, -7.9057, 15.7544

Achromatopsia

45.0000, 0.0000, 0.0000

Achromatomaly

45.2350, -3.0739, 5.9329

CSS Examples

Text

The CSS property to change the color of the text to YUV 45.0360, -7.9057, 15.7544 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(63, 39, 29)` looks like.

```
.text, #text, p{  
    color:rgb(63, 39, 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(63, 39, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 39, 29) }
```

Border

The CSS property to change the border of an element to YUV 45.0360, -7.9057, 15.7544 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(63, 39, 29) }
```


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

```
.border{ border-color:rgb(63, 39, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 39, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 39, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 39, 29);  
box-shadow:4px 4px 4px 4px rgb(63, 39, 29)  
}
```

Background

The CSS property to change the background color of an element to YUV 45.0360, -7.9057, 15.7544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 39, 29) }
```

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

```
.background{ background-color: rgb(63, 39,  
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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