

Converting Colors

YUV(44.7230, 3.5876, 16.0289)

Have a look what the booklet for
YUV(44.7230, 3.5876, 16.0289)
contains.

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Color

**YUV(44.7230, 3.5876,
16.0289)**

Conversions

Conversions Part 1

Format	Color
Hex	3F2234
RGB	63, 34, 52
RGB Percent	25%, 13%, 20%
CMY	0.7529, 0.8667, 0.7961
CMYK	0.00, 0.46, 0.17, 0.75
HSL	323°, 30%, 19%
HSV	323°, 46%, 25%
XYZ	3.2418, 2.4487, 3.5506
YIQ	44.7230, 11.5060, 11.7460

Conversions

Conversions Part 2

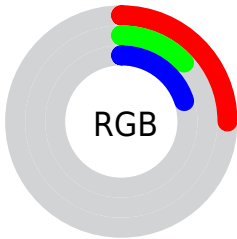
Format	Color
R_{YB}	63, 34, 52
Decimal	4137524
CIE _{Lab}	17.69, 16.96, -5.82
CIE _{LCh}	18, 17.926, 341.059
Yxy	2.4487, 0.3508, 0.2650
Android (android.graphics.Color)	4282327604 (0xFF3F2234)
YUV	44.7230, 3.5876, 16.0289
Hunter-Lab	15.6485, 9.5934, -2.4988

Details

The YUV color **44.7230, 3.5876, 16.0289** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **52.2770, -3.5876, -16.0289**, and the grayscale version is **45.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **90.7340, 3.5821, 17.7733**, and **5.0550, -0.0271, 8.7218** is the 20% darker color. If you saturate the color by 10%, you get **40.9730, 4.4503, 19.3177**, and if you desaturate by 10%, it is **48.4730, 2.7248, 12.7402**.

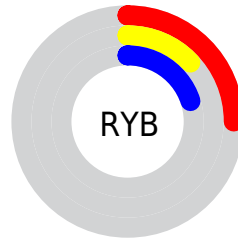
Distribution



Red (25%)

Green (13%)

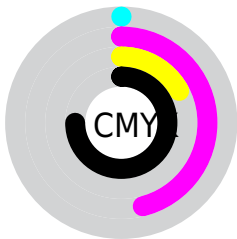
Blue (20%)



Red (25%)

Yellow (13%)

Blue (20%)

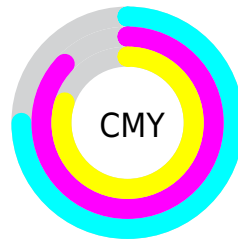


Cyan (0%)

Magenta (46%)

Yellow (17%)

Black (75%)



Cyan (75%)

Magenta (87%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 44.7230, 3.5876, 16.0289 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 44.7230, 3.5876, 16.0289 by changing the saturation by 10% instead.

■ 44.7230, 3.5876,
16.0289

■ 44.7230, 3.5876,
16.0289

■ 255.0000, 0.0000,
0.0000

■ 23.1250, 3.8824,
14.7994

■ 90.7340, 3.5821,
17.7733

■ 5.0550, -0.0271,
8.7218

■ 115.4460, 3.7241,
18.9029

■ 0.0000, 0.0000,
0.0000

■ 141.7450, 3.5767,
19.5176

■ 168.1580, 3.8661,
20.0324

■ 195.4570, 3.7187,
20.6472

■ 223.1690, 3.8607,

21.7768

245.0210, 4.9196,
8.7516

44.7230, 3.5876,
16.0289

44.7230, 3.5876,
16.0289

40.9730, 4.4503,
19.3177

48.4730, 2.7248,
12.7402

36.5220, 5.1657,
23.2212

52.9240, 2.0095,
8.8367

32.7720, 6.0284,
26.5100

56.6740, 1.1467,
5.5479

28.9080, 6.4544,
29.8987

60.5380, 0.7208,
2.1592

25.1580, 7.3171,
33.1874

64.8750, -0.4314,
-1.6444

■ 23.2830, 7.7485,
34.8318

■ 68.6250, -1.2941,
-4.9331

■ 72.4890, -1.7201,
-8.3219

■ 76.2390, -2.5828,
-11.6106

■ 80.6900, -3.2982,
-15.5141

Harmonies

Analogous

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



44.7370, 9.0037, 5.4927



44.7230, 3.5876, 16.0289



44.1490, -2.5385, 20.9173

Triad

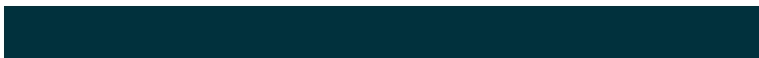
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



44.7230, 3.5876, 16.0289



41.8190, -12.2358, 4.5437



35.6030, 12.0277, -31.2238

Complementary

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



44.7230, 3.5876, 16.0289



52.2770, -3.5876, -16.0289

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.



34.8220, 6.4968, -30.5389



44.7230, 3.5876, 16.0289



40.0780, -8.4195, -6.2074

Square

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



44.7230, 3.5876, 16.0289



42.9880, -11.8261, 13.1655



37.2380, -1.1033, -19.5027



35.5260, 15.5167, -30.2793

Rectangle

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



44.7230, 3.5876, 16.0289



43.5250, -6.1748, 20.5876



37.2380, -1.1033, -19.5027



35.7340, 9.9911, -31.3387

Sweetspot

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



44.7230, 3.5876, 16.0289



74.3860, 1.2887, 6.6775



40.5950, 11.0457, 3.8632



36.5490, 0.7153, 3.9035



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.



44.7230, 3.5876, 16.0289



53.6470, 5.5970, 24.8656



43.1270, -2.5276, 17.4286



29.0110, -0.0054, 1.7444



34.8320, 11.9148, 51.8903



82.1100, 27.5538, 122.6835

Inverse Universe

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



44.7230, 3.5876, 16.0289



53.6470, 5.5970, 24.8656



53.8730, 2.5276, -17.4286



29.0110, -0.0054, 1.7444



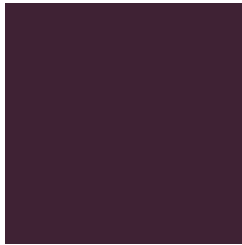
34.8320, 11.9148, 51.8903



82.1100, 27.5538, 122.6835

Previews

White Background



This preview shows how the YUV color 44.7230, 3.5876, 16.0289 looks on a white background.

Color Contrast Check

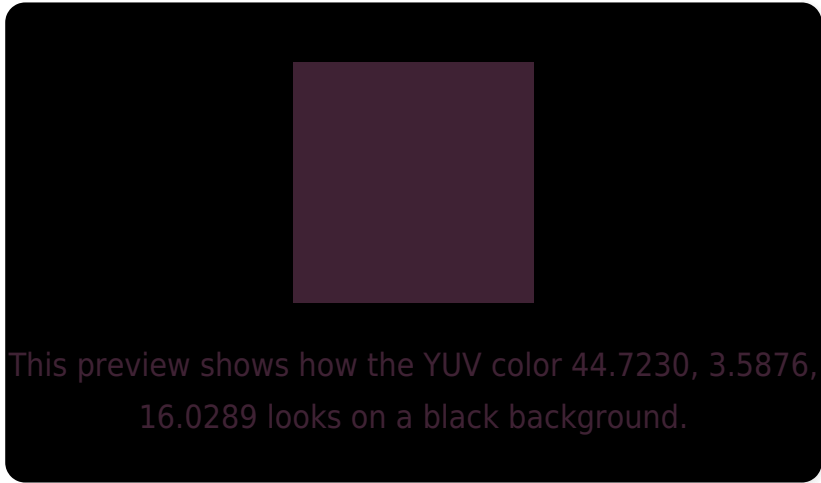
Large Text (above 18pt) WCAG AA ✓ Pass

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

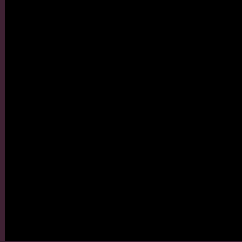
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 44.7230, 3.5876, 16.0289

Background



This preview shows how black text looks on a background with the YUV color 44.7230, 3.5876, 16.0289.



This preview shows how white text looks on a background with the YUV color 44.7230, 3.5876, 16.0289.

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

44.7230, 3.5876, 16.0289

Protanopia

43.9270, 7.4310, -3.4440

Deuteranopia

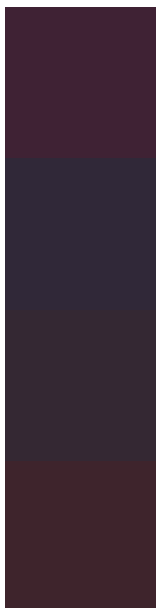
44.3960, 2.7628, 0.5297



Tritanopia

44.7030, -2.8116, 15.1695

Trichromacy



Original Color

44.7230, 3.5876, 16.0289

Protanomaly

44.2160, 5.8095, 3.3186

Deuteranomaly

44.8420, 3.0359, 6.2776

Tritanomaly

44.6860, -0.3382, 15.1844

Monochromacy



Original Color

44.7230, 3.5876, 16.0289

Achromatopsia

45.0000, 0.0000, 0.0000

Achromatomaly

45.0870, 1.4361, 6.0627

CSS Examples

Text

The CSS property to change the color of the text to YUV 44.7230, 3.5876, 16.0289 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, 34, 52)` looks like.

```
.text, #text, p{  
    color:rgb(63, 34, 52)  
}
```

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, 34, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 34, 52) }
```

Border

The CSS property to change the border of an element to YUV 44.7230, 3.5876, 16.0289 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, 34, 52) }
```


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

```
.border{ border-color:rgb(63, 34, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 34, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 34, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 34, 52);  
box-shadow:4px 4px 4px 4px rgb(63, 34, 52)  
}
```

Background

The CSS property to change the background color of an element to YUV 44.7230, 3.5876, 16.0289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 34, 52) }
```

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

```
.background{ background-color: rgb(63, 34,  
52) }
```

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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