

Converting Colors

YUV(45.7850, 12.9240, 8.0816)

Have a look what the booklet for
YUV(45.7850, 12.9240, 8.0816)
contains.

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Color

**YUV(45.7850, 12.9240,
8.0816)**

Conversions

Conversions Part 1

Format	Color
Hex	372448
RGB	55, 36, 72
RGB Percent	22%, 14%, 28%
CMY	0.7843, 0.8588, 0.7176
CMYK	0.24, 0.50, 0.00, 0.72
HSL	272°, 33%, 21%
HSV	272°, 50%, 28%
XYZ	3.3761, 2.5419, 6.4436
YIQ	45.7850, -0.2320, 15.2240

Conversions

Conversions Part 2

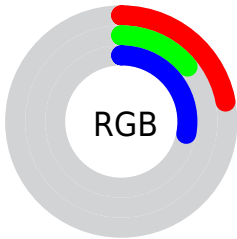
Format	Color
R_{YB}	55, 36, 72
Decimal	3613768
CIE _{Lab}	18.11, 17.35, -19.13
CIE _{LCh}	18, 25.827, 312.198
Yxy	2.5419, 0.2731, 0.2056
Android (android.graphics.Color)	4281803848 (0xFF372448)
YUV	45.7850, 12.9240, 8.0816
Hunter-Lab	15.9432, 9.8985, -12.8023

Details

The YUV color **45.7850, 12.9240, 8.0816** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **62.2150, -12.9240, -8.0816**, and the grayscale version is **46.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **92.1380, 14.2290, 9.5260**, and **4.9860, 11.3459, 0.8893** is the 20% darker color. If you saturate the color by 10%, you get **40.7790, 15.3920, 9.8408**, and if you desaturate by 10%, it is **50.7910, 10.4560, 6.3223**.

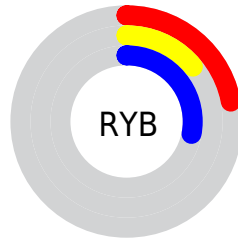
Distribution



Red (22%)

Green (14%)

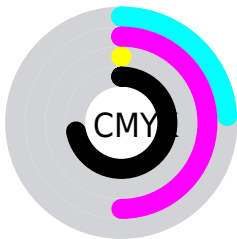
Blue (28%)



Red (22%)

Yellow (14%)

Blue (28%)

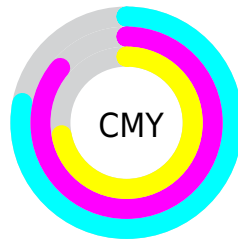


Cyan (24%)

Magenta (50%)

Yellow (0%)

Black (72%)



Cyan (78%)

Magenta (86%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 45.7850, 12.9240, 8.0816 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 45.7850, 12.9240, 8.0816 by changing the saturation by 10% instead.

■ 45.7850, 12.9240,
8.0816

■ 45.7850, 12.9240,
8.0816

■ 255.0000, 0.0000,
0.0000

■ 24.2580, 12.1978,
7.6667

■ 92.1380, 14.2290,
9.5260

■ 4.9860, 11.3459,
0.8893

■ 116.6650, 14.9552,
9.9408

■ 0.0000, 0.0000,
0.0000

■ 142.6650, 14.9552,
9.9408

■ 169.1920, 15.6813,
10.3556

■ 196.6050, 15.9707,
10.8704

■ 224.0890, 15.2391,

12.1999

246.1950, 4.3409,
7.7220

45.7850, 12.9240,
8.0816

45.7850, 12.9240,
8.0816

40.7790, 15.3920,
9.8408

50.7910, 10.4560,
6.3223

35.4740, 18.0073,
10.9853

56.0960, 7.8407,
5.1778

29.8810, 20.7647,
13.2594

61.6890, 5.0833,
2.9037

24.5760, 23.3800,
14.4038

66.9940, 2.4680,
1.7593

19.5700, 25.8480,
16.1631

72.0000, 0.0000,
0.0000

■ 77.0060, -2.4680,
-1.7593

■ 82.3110, -5.0833,
-2.9037

■ 87.9040, -7.8407,
-5.1778

■ 93.2090, -10.4560,
-6.3223

Harmonies

Analogous

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



41.6400, 19.4045, -17.2243



45.7850, 12.9240, 8.0816



44.9350, 5.4550, 23.7360

Triad

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



45.7850, 12.9240, 8.0816



42.1860, -18.8257, 18.2539



37.0390, 7.3758, -32.4832

Complementary

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



45.7850, 12.9240, 8.0816



62.2150, -12.9240, -8.0816

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.



34.1720, -1.0708, -29.9688



45.7850, 12.9240, 8.0816



41.1690, -19.8033, 5.1138

Square

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



45.7850, 12.9240, 8.0816



43.1900, -11.4327, 27.0204



38.8340, -11.7502, -11.2554



38.3900, 15.0907, -33.6680

Rectangle

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



45.7850, 12.9240, 8.0816



43.8880, 0.0552, 29.0392



38.8340, -11.7502, -11.2554



36.2410, 4.3182, -31.7834

Sweetspot

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



45.7850, 12.9240, 8.0816



83.9880, 4.9359, 3.5185



50.0830, 10.8051, -12.3508



42.1080, 2.9048, 1.6593



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.



45.7850, 12.9240, 8.0816



53.3540, 20.0385, 12.8445



50.7540, 9.9813, 18.6327



33.0540, 1.4524, 0.8296



26.8340, 35.5778, 22.0706



61.7580, 81.4643, 51.0782

Inverse Universe

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



48.7020, 2.1189, 20.4323



57.7080, 3.1020, 31.8281



57.2460, -9.9813, -18.6327



33.4240, 0.2840, 2.2592



34.9590, 5.9362, 56.1640



80.0710, 13.2760, 128.8567

Previews

White Background



This preview shows how the YUV color 45.7850, 12.9240, 8.0816 looks on a white background.

Color Contrast Check

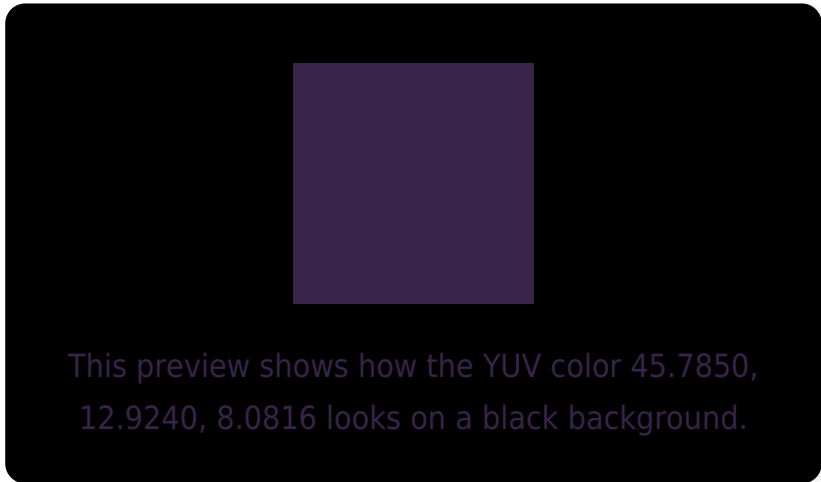
Large Text (above 18pt) WCAG AA ✓ Pass

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

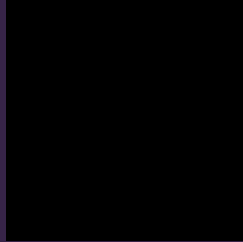
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 45.7850, 12.9240, 8.0816

Background



This preview shows how black text looks on a background with the YUV color 45.7850, 12.9240, 8.0816.



This preview shows how white text looks on a background with the YUV color 45.7850, 12.9240,

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

45.7850, 12.9240, 8.0816

Protanopia

42.6190, 17.9358, -12.8209

Deuteranopia

43.6640, 12.9836, -11.1063



Tritanopia

44.8480, 0.5679, 4.5183

Trichromacy



Original Color

45.7850, 12.9240, 8.0816

Protanomaly

43.5060, 16.0195, -4.8288

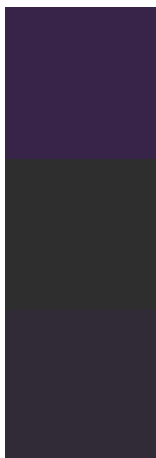
Deuteranomaly

44.7080, 12.9620, -4.1289

Tritanomaly

45.2980, 4.7831, 5.8777

Monochromacy



Original Color

45.7850, 12.9240, 8.0816

Achromatopsia

46.0000, 0.0000, 0.0000

Achromatomaly

45.5750, 4.6465, 3.0037

CSS Examples

Text

The CSS property to change the color of the text to YUV 45.7850, 12.9240, 8.0816 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(55, 36, 72)` looks like.

```
.text, #text, p{  
  color:rgb(55, 36, 72)  
}
```

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(55, 36, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 36, 72) }
```

Border

The CSS property to change the border of an element to YUV 45.7850, 12.9240, 8.0816 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(55, 36, 72) }
```


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

```
.border{ border-color:rgb(55, 36, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 36, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 36, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 36, 72);  
box-shadow:4px 4px 4px 4px rgb(55, 36, 72)  
}
```

Background

The CSS property to change the background color of an element to YUV 45.7850, 12.9240, 8.0816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 36, 72) }
```

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

```
.background{ background-color: rgb(55, 36,  
72) }
```

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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