

Converting Colors

YUV(44.4230, 15.0745,
-28.4350)

Have a look what the booklet for
YUV(44.4230, 15.0745, -28.4350)
contains.

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Color

**YUV(44.4230, 15.0745,
-28.4350)**

Conversions

Conversions Part 1

Format	Color
Hex	0C374B
RGB	12, 55, 75
RGB Percent	5%, 22%, 29%
CMY	0.9529, 0.7843, 0.7059
CMYK	0.84, 0.27, 0.00, 0.71
HSL	199°, 72%, 17%
HSV	199°, 84%, 29%
XYZ	2.7878, 3.3185, 7.1502
YIQ	44.4230, -32.0480, -2.8960

Conversions

Conversions Part 2

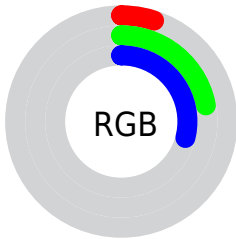
Format	Color
R_{YB}	12, 38, 75
Decimal	800587
CIE _{Lab}	21.28, -6.48, -16.42
CIE _{LCh}	21, 17.651, 248.466
Yxy	3.3185, 0.2103, 0.2503
Android (android.graphics.Color)	4278990667 (0xFF0C374B)
YUV	44.4230, 15.0745, -28.4350
Hunter-Lab	18.2169, -4.5628, -10.5199

Details

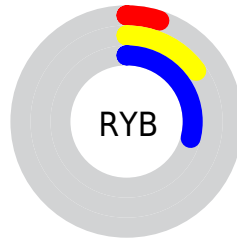
The YUV color **44.4230, 15.0745, -28.4350** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **42.5770, -15.0745, 28.4350**, and the grayscale version is **44.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **93.4450, 15.0636, -24.9463**, and **9.9910, 10.3574, -8.7621** is the 20% darker color. If you saturate the color by 10%, you get **41.1560, 16.6851, -31.7088**, and if you desaturate by 10%, it is **47.9890, 13.3164, -24.5464**.

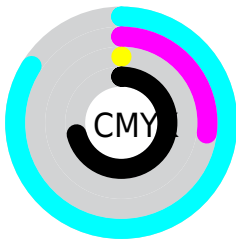
Distribution



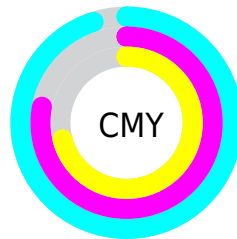
- Red (5%)
- Green (22%)
- Blue (29%)



- Red (5%)
- Yellow (15%)
- Blue (29%)



- Cyan (84%)
- Magenta (27%)
- Yellow (0%)
- Black (71%)



- Cyan (95%)
- Magenta (78%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 44.4230, 15.0745, -28.4350 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 44.4230, 15.0745, -28.4350 by changing the saturation by 10% instead.

■ 44.4230, 15.0745,
-28.4350

■ 44.4230, 15.0745,
-28.4350

■ 255.0000, 0.0000,
0.0000

■ 25.8860, 12.8742,
-22.7020

■ 93.4450, 15.0636,
-24.9463

■ 9.9910, 10.3574,
-8.7621

■ 118.8580, 15.3530,
-24.4315

■ 0.3420, 1.3104,
-0.2999

■ 144.8580, 15.3530,
-24.4315

■ 0.0000, 0.0000,
0.0000

■ 171.0860, 16.2266,
-24.6314

■ 198.7870, 16.3740,
-25.2462

■ 226.2170, 14.1900,

-24.7463

■ 246.6280, 4.1274,
-17.2138

■ 44.4230, 15.0745,
-28.4350

■ 44.4230, 15.0745,
-28.4350

■ 41.1560, 16.6851,
-31.7088

■ 47.9890, 13.3164,
-24.5464

■ 38.4870, 18.0009,
-33.7531

■ 51.8430, 11.4164,
-21.7873

■ 55.4090, 9.6584,
-17.8987

■ 59.2630, 7.7583,
-15.1397

■ 62.5300, 6.1477,
-11.8658

■ 66.0960, 4.3897,
-7.9772

■ 70.2490, 2.3422,
-4.6034

■ 73.5160, 0.7316,
-1.3295

■ 77.0820, -1.0264,
2.5591

Harmonies

Analogous

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



41.0970, 12.7702, -36.0421



44.4230, 15.0745, -28.4350



50.0770, 13.2730, -10.5915

Triad

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



44.4230, 15.0745, -28.4350



52.2630, -2.1017, 20.8173



48.2630, -9.0037, -5.4927

Complementary

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



44.4230, 15.0745, -28.4350



42.5770, -15.0745, 28.4350

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.



50.1180, -12.3832, 5.1585



44.4230, 15.0745, -28.4350



51.7700, -7.7746, 20.3727

Square

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



44.4230, 15.0745, -28.4350



52.5380, 4.1718, 15.3142



50.7000, -11.6841, 14.2951



45.6080, -2.2717, -18.0732

Rectangle

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



44.4230, 15.0745, -28.4350



51.8610, 10.9145, -0.7551



50.7000, -11.6841, 14.2951



48.9430, -10.3249, -1.7040

Sweetspot

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



44.4230, 15.0745, -28.4350



85.1280, 5.8529, -10.6363



51.2610, -9.4957, -34.4319



41.4660, 3.2213, -6.5477



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.



44.4230, 15.0745, -28.4350



49.8000, 23.2696, -43.6746



26.2260, 24.0456, -12.4762



36.2170, 0.8790, -1.9443



52.7180, 24.2960, -46.2337



118.3790, 55.0292, -103.8184

Inverse Universe

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



35.7390, 9.4957, 34.4319



36.5270, 14.5302, 53.0348



60.7740, -24.0456, 12.4762



35.5380, 0.7208, 2.1592



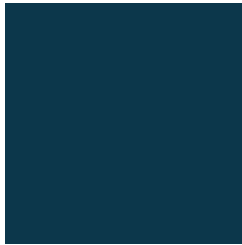
38.4780, 15.5403, 55.7088



86.6680, 34.6737, 125.7022

Previews

White Background



This preview shows how the YUV color 44.4230, 15.0745, -28.4350 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



This preview shows how the YUV color 44.4230, 15.0745, -28.4350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

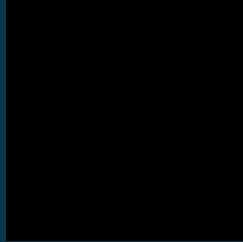
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 44.4230, 15.0745, -28.4350

Background



This preview shows how black text looks on a background with the YUV color 44.4230, 15.0745, -28.4350.



This preview shows how white text looks on a background with the YUV color 44.4230, 15.0745,

-28.4350.

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

44.4230, 15.0745, -28.4350

Protanopia

51.4860, 9.6204, -5.6882

Deuteranopia

50.5610, 12.5414, -9.2620



Tritanopia

40.4130, 10.1494, -35.4422

Trichromacy



Original Color

44.4230, 15.0745, -28.4350

Protanomaly

48.5990, 11.5367, -13.6803

Deuteranomaly

48.1580, 13.7261, -15.9246

Tritanomaly

41.5920, 12.0331, -32.9682

Monochromacy



Original Color

44.4230, 15.0745, -28.4350

Achromatopsia

44.0000, 0.0000, 0.0000

Achromatomaly

44.0140, 5.4161, -10.5363

CSS Examples

Text

The CSS property to change the color of the text to YUV 44.4230, 15.0745, -28.4350 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(12, 55, 75)` looks like.

```
.text, #text, p{  
    color:rgb(12, 55, 75)  
}
```

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(12, 55, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 55, 75) }
```

Border

The CSS property to change the border of an element to YUV 44.4230, 15.0745, -28.4350 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(12, 55, 75) }
```


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

```
.border{ border-color:rgb(12, 55, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 55, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 55, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 55, 75);  
box-shadow:4px 4px 4px 4px rgb(12, 55, 75)  
}
```

Background

The CSS property to change the background color of an element to YUV 44.4230, 15.0745, -28.4350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 55, 75) }
```

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

```
.background{ background-color: rgb(12, 55,  
75) }
```

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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