

# Converting Colors

YUV(43.1360, 10.7790, 42.8537)

Have a look what the booklet for  
YUV(43.1360, 10.7790, 42.8537)  
contains.

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# Color

**YUV(43.1360, 10.7790,  
42.8537)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5C0E41
RGB	92, 14, 65
RGB Percent	36%, 5%, 25%
CMY	0.6392, 0.9451, 0.7451
CMYK	0.00, 0.85, 0.29, 0.64
HSL	321°, 74%, 21%
HSV	321°, 85%, 36%
XYZ	5.5248, 2.9710, 5.2833
YIQ	43.1360, 30.1170, 32.3970

# Conversions

## Conversions Part 2

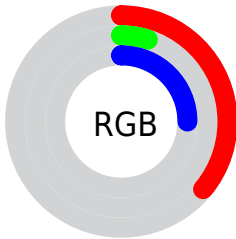
<b>Format</b>	<b>Color</b>
<b>RYB</b>	92, 14, 65
Decimal	6032961
CIELab	19.93, 38.82, -11.00
CIElCh	20, 40.354, 344.176
Yxy	2.9710, 0.4010, 0.2156
Android (android.graphics.Color)	4284223041 (0xFF5C0E41)
YUV	43.1360, 10.7790, 42.8537
Hunter-Lab	17.2367, 27.0496, -6.1076

# Details

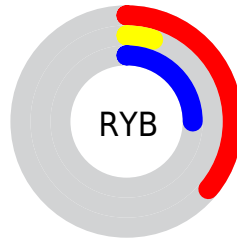
The YUV color **43.1360, 10.7790, 42.8537** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **62.8640, -10.7790, -42.8537**, and the grayscale version is **43.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **95.5660, 8.5950, 43.3536**, and **16.3760, 3.2656, 25.9802** is the 20% darker color. If you saturate the color by 10%, you get **37.5110, 12.0731, 47.7869**, and if you desaturate by 10%, it is **48.7610, 9.4848, 37.9206**.

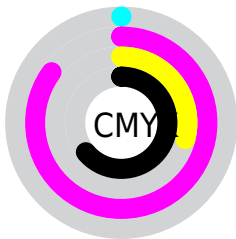
# Distribution



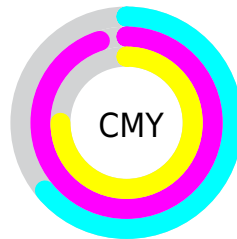
- Red (36%)
- Green (5%)
- Blue (25%)



- Red (36%)
- Yellow (5%)
- Blue (25%)



- Cyan (0%)
- Magenta (85%)
- Yellow (29%)
- Black (64%)



- Cyan (64%)
- Magenta (95%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 43.1360, 10.7790, 42.8537 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 43.1360, 10.7790, 42.8537 by changing the saturation by 10% instead.



■ 43.1360, 10.7790,  
42.8537

■ 43.1360, 10.7790,  
42.8537

■ 255.0000, 0.0000,  
0.0000

■ 24.6360, 9.0535,  
36.2762

■ 95.5660, 8.5950,  
43.3536

■ 16.3760, 3.2656,  
25.9802

■ 121.4630, 8.1527,  
45.1979

■ 0.0000, 0.0000,  
0.0000


■ 148.1750, 8.2947,  
46.3275


■ 175.1860, 8.2893,  
48.0719


■ 202.2890, 8.7315,  
46.2275


■ 221.3300, 13.1483,


29.5286


 239.1510, 7.8136,  
13.8996

 43.1360, 10.7790,  
42.8537


 43.1360, 10.7790,  
42.8537

 37.5110, 12.0731,  
47.7869


 48.7610, 9.4848,  
37.9206

 34.3480, 12.6464,  
50.5608

 54.3860, 8.1907,  
32.9875

 60.7120, 7.0440,  
27.4396

 66.3370, 5.7499,  
22.5065

 71.9620, 4.4557,  
17.5733

■ 77.5870, 3.1616,  
12.6402

■ 83.2120, 1.8675,  
7.7071

■ 89.4240, 0.2840,  
2.2592

■ 95.1630, -0.5734,  
-2.7740

# Harmonies

## Analogous

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



49.4790, 20.4699, 14.4889



43.1360, 10.7790, 42.8537



38.9880, -1.4731, 52.6305

# Triad

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



43.1360, 10.7790, 42.8537



44.2890, -21.8345, 3.2545



45.3660, 21.5116, -39.7860

# Complementary

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



43.1360, 10.7790, 42.8537



62.8640, -10.7790, -42.8537

# 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.



42.8750, 9.4286, -37.6014



43.1360, 10.7790, 42.8537



36.1500, -17.8219, -23.8105

# Square

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



43.1360, 10.7790, 42.8537



45.8940, -22.6257, 23.7720



38.7540, -3.8227, -33.9873



44.8420, 29.6579, -39.3264



# Rectangle

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



43.1360, 10.7790, 42.8537



42.0830, -12.3659, 46.4082



38.7540, -3.8227, -33.9873



45.0410, 17.7278, -39.5010

# Sweetspot

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



43.1360, 10.7790, 42.8537



101.1360, 3.8770, 16.5437



30.6660, 30.2377, 8.1859



49.7500, 2.5882, 9.8662



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000



# Same Dimension

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



43.1360, 10.7790, 42.8537



44.7720, 16.3814, 65.9750



38.8040, -5.8194, 46.6529



42.8370, 0.5734, 2.7740



41.0980, 15.2347, 60.4271



88.5330, 32.7682, 130.2056



# Inverse Universe

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



43.1360, 10.7790, 42.8537



44.7720, 16.3814, 65.9750



67.1960, 5.8194, -46.6529



42.8370, 0.5734, 2.7740



41.0980, 15.2347, 60.4271

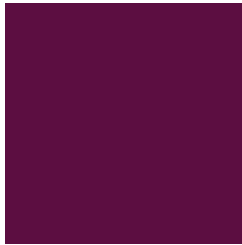


88.5330, 32.7682, 130.2056



# Previews

## White Background



This preview shows how the YUV color 43.1360, 10.7790, 42.8537 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

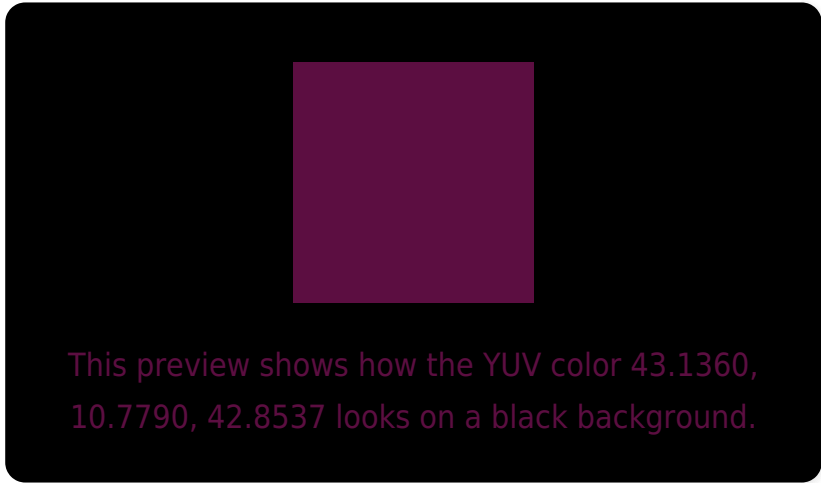
Any Text WCAG AA ✓ Pass

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

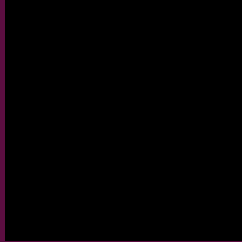
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 43.1360, 10.7790, 42.8537

## Background



This preview shows how black text looks on a background with the YUV color 43.1360, 10.7790, 42.8537.



This preview shows how white text looks on a background with the YUV color 43.1360, 10.7790,



# 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

43.1360, 10.7790, 42.8537

### Protanopia

48.2920, 20.5620, -15.1651

### Deuteranopia

50.6670, 5.0942, -0.5850



## Tritanopia

46.4670, -8.1182, 37.3014

# Trichromacy



## Original Color

43.1360, 10.7790, 42.8537

## Protanomaly

46.2130, 17.1500, 5.9522

## Deuteranomaly

47.6350, 7.0819, 15.2291

## Tritanomaly

45.3130, -1.1403, 39.1905

# Monochromacy



## Original Color

43.1360, 10.7790, 42.8537

## Achromatopsia

43.0000, 0.0000, 0.0000

## Achromatomaly

42.8370, 4.0244, 15.9290

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 43.1360, 10.7790, 42.8537 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(92, 14, 65)` looks like.

```
.text, #text, p{  
    color:rgb(92, 14, 65)  
}
```

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(92, 14, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 14, 65) }
```

## Border

The CSS property to change the border of an element to YUV 43.1360, 10.7790, 42.8537 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(92, 14, 65) }
```



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

```
.border{ border-color:rgb(92, 14, 65) }
```

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

Here you see how a box with a 4 pixel rgb(92, 14, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 14, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 14, 65);  
box-shadow:4px 4px 4px 4px rgb(92, 14, 65)  
}
```

# Background

The CSS property to change the background color of an element to YUV 43.1360, 10.7790, 42.8537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 14, 65) }
```

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

```
.background{ background-color: rgb(92, 14,  
65) }
```

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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