

Converting Colors

YUV(43.0950, 36.4352, 27.1037)

Have a look what the booklet for
YUV(43.0950, 36.4352, 27.1037)
contains.

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Color

**YUV(43.0950, 36.4352,
27.1037)**

Conversions

Conversions Part 1

Format	Color
Hex	4A0D75
RGB	74, 13, 117
RGB Percent	29%, 5%, 46%
CMY	0.7098, 0.9490, 0.5412
CMYK	0.37, 0.89, 0.00, 0.54
HSL	275°, 80%, 25%
HSV	275°, 89%, 46%
XYZ	6.1788, 3.0280, 17.0884
YIQ	43.0950, 2.9720, 45.2760

Conversions

Conversions Part 2

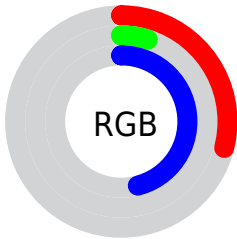
Format	Color
R_{YB}	74, 13, 117
Decimal	4853109
CIE _{Lab}	20.16, 45.20, -45.54
CIE _{LCh}	20, 64.166, 314.784
Yxy	3.0280, 0.2350, 0.1152
Android (android.graphics.Color)	4283043189 (0xFF4A0D75)
YUV	43.0950, 36.4352, 27.1037
Hunter-Lab	17.4013, 32.9295, -46.0431

Details

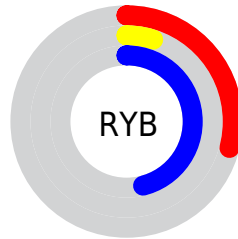
The YUV color **43.0950, 36.4352, 27.1037** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **86.9050, -36.4352, -27.1037**, and the grayscale version is **43.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **96.0950, 36.4352, 27.1037**, and **15.5260, 25.8697, 9.1857** is the 20% darker color. If you saturate the color by 10%, you get **34.5560, 40.6449, 30.2074**, and if you desaturate by 10%, it is **51.6340, 32.2254, 24.0000**.

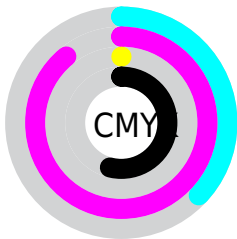
Distribution



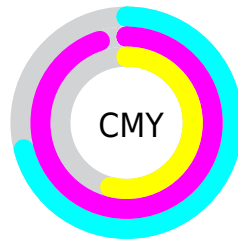
- Red (29%)
- Green (5%)
- Blue (46%)



- Red (29%)
- Yellow (5%)
- Blue (46%)



- Cyan (37%)
- Magenta (89%)
- Yellow (0%)
- Black (54%)



- Cyan (71%)
- Magenta (95%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 43.0950, 36.4352, 27.1037 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 43.0950, 36.4352, 27.1037 by changing the saturation by 10% instead.

43.0950, 36.4352,
27.1037

43.0950, 36.4352,
27.1037

255.0000, 0.0000,
0.0000

24.5410, 33.2573,
19.6965

96.0950, 36.4352,
27.1037

15.5260, 25.8697,
9.1857

122.3340, 37.3033,
28.6481

5.6030, 18.9297,
-4.9138

149.1600, 37.8821,
29.6777

3.2090, 9.7570,
-2.8143

176.9860, 38.4609,
30.7073


0.0000, 0.0000,
0.0000


201.5060, 26.3725,
34.6362


222.1280, 16.2059,


28.8287


 238.5640, 8.1029,
14.4144


 43.0950, 36.4352,
27.1037


 43.0950, 36.4352,
27.1037


 34.5560, 40.6449,
30.2074


 51.6340, 32.2254,
24.0000

 33.9690, 40.9343,
30.7222

 59.5860, 28.3051,
21.4111

 68.1250, 24.0954,
18.3074

 76.3650, 20.0331,
14.5889

 84.3170, 16.1127,
12.0000

■ 92.8560, 11.9030,
8.8963

■ 101.3950, 7.6933,
5.7926

■ 109.9340, 3.4835,
2.6889

■ 117.8860, -0.4368,
0.1000

Harmonies

Analogous

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



44.4780, 48.5713, -39.0072



43.0950, 36.4352, 27.1037



43.2340, 15.6606, 63.8158

Triad

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



43.0950, 36.4352, 27.1037



45.6390, -22.5000, 30.1346



46.9500, 12.3497, -41.1751

Complementary

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



43.0950, 36.4352, 27.1037



86.9050, -36.4352, -27.1037

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.



39.9620, -9.3483, -35.0467



43.0950, 36.4352, 27.1037



43.3590, -21.3760, -3.8228

Square

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



43.0950, 36.4352, 27.1037



32.8900, -16.2148, 67.6255



35.8070, -17.6529, -31.4027



51.9660, 31.5688, -45.5742

Rectangle

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



43.0950, 36.4352, 27.1037



42.0920, 0.9406, 71.8333



35.8070, -17.6529, -31.4027



44.4250, 5.2135, -38.9607

Sweetspot

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



43.0950, 36.4352, 27.1037



123.8500, 14.3710, 10.6556



50.0970, 32.9832, -32.5341



59.0360, 8.8563, 6.1074



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



43.0950, 36.4352, 27.1037



44.3520, 53.5635, 40.0333



54.9260, 26.1655, 54.4389



54.5810, 2.1786, 1.2445



35.4360, 42.6761, 32.0666



72.4530, 87.5307, 65.3777

Inverse Universe

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



48.9980, 3.4520, 59.6378



52.9290, 4.9650, 87.7623



75.0740, -26.1655, -54.4389



55.0220, -0.0108, 3.4887



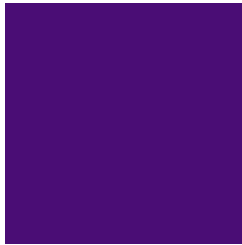
42.2920, 4.2930, 69.9039



86.4920, 8.1384, 143.3965

Previews

White Background



This preview shows how the YUV color 43.0950, 36.4352, 27.1037 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

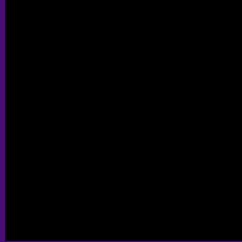
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 43.0950, 36.4352, 27.1037

Background



This preview shows how black text looks on a background with the YUV color 43.0950, 36.4352, 27.1037.



This preview shows how white text looks on a background with the YUV color 43.0950, 36.4352,

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

43.0950, 36.4352, 27.1037

Protanopia

40.5050, 30.8100, -35.5229

Deuteranopia

40.6700, 23.8267, -35.6676



Tritanopia

51.5280, -0.7533, 8.3069

Trichromacy



Original Color

43.0950, 36.4352, 27.1037

Protanomaly

41.5170, 32.7761, -12.7314

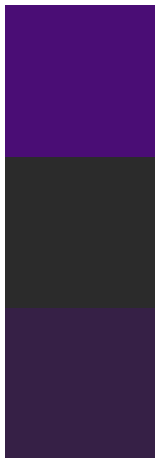
Deuteranomaly

41.6650, 28.2662, -12.8612

Tritanomaly

48.7150, 12.4655, 15.1589

Monochromacy



Original Color

43.0950, 36.4352, 27.1037

Achromatopsia

43.0000, 0.0000, 0.0000

Achromatomaly

42.9100, 13.3554, 9.7259

CSS Examples

Text

The CSS property to change the color of the text to YUV 43.0950, 36.4352, 27.1037 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(74, 13, 117)` looks like.

```
.text, #text, p{  
    color:rgb(74, 13, 117)  
}
```

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(74, 13, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 13, 117) }
```

Border

The CSS property to change the border of an element to YUV 43.0950, 36.4352, 27.1037 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(74, 13, 117) }
```


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

```
.border{ border-color:rgb(74, 13, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 13, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 13, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 13, 117);  
box-shadow:4px 4px 4px 4px rgb(74, 13,  
117) }
```

Background

The CSS property to change the background color of an element to YUV 43.0950, 36.4352, 27.1037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 13, 117) }
```

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

```
.background{ background-color: rgb(74, 13,  
117) }
```

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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