

Converting Colors

YUV(75.7360, 4.0742, 46.7125)

Have a look what the booklet for
YUV(75.7360, 4.0742, 46.7125)
contains.

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Color

**YUV(75.7360, 4.0742,
46.7125)**

Conversions

Conversions Part 1

Format	Color
Hex	812F54
RGB	129, 47, 84
RGB Percent	51%, 18%, 33%
CMY	0.4941, 0.8157, 0.6706
CMYK	0.00, 0.64, 0.35, 0.49
HSL	333°, 47%, 35%
HSV	333°, 64%, 51%
XYZ	11.6700, 7.3403, 9.1892
YIQ	75.7360, 36.9950, 28.8910

Conversions

Conversions Part 2

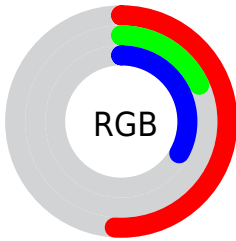
Format	Color
R_{YB}	129, 47, 84
Decimal	8466260
CIE Lab	32.57, 39.16, -3.99
CIE LCh	33, 39.364, 354.186
Yxy	7.3403, 0.4138, 0.2603
Android (android.graphics.Color)	4286656340 (0xFF812F54)
YUV	75.7360, 4.0742, 46.7125
Hunter-Lab	27.0929, 29.4746, -1.1447

Details

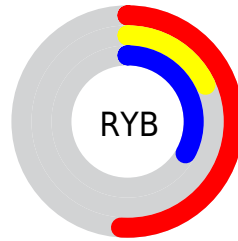
The YUV color **75.7360, 4.0742, 46.7125** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **100.2640, -4.0742, -46.7125**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.0030, 2.4635, 49.9864**, and **27.1700, 5.8322, 42.8239** is the 20% darker color. If you saturate the color by 10%, you get **67.3070, 4.7786, 54.1048**, and if you desaturate by 10%, it is **84.1650, 3.3697, 39.3203**.

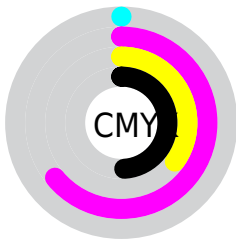
Distribution



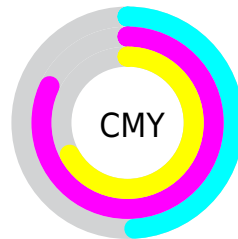
- Red (51%)
- Green (18%)
- Blue (33%)



- Red (51%)
- Yellow (18%)
- Blue (33%)



- Cyan (0%)
- Magenta (64%)
- Yellow (35%)
- Black (49%)




- Cyan (49%)
- Magenta (82%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the YUV color 75.7360, 4.0742, 46.7125 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 75.7360, 4.0742, 46.7125 by changing the saturation by 10% instead.


 75.7360, 4.0742,
46.7125


 75.7360, 4.0742,
46.7125

255.0000, 0.0000,
0.0000

 49.1920, 5.8213,
46.3126


 128.0030, 2.4635,
49.9864


 27.1700, 5.8322,
42.8239

 154.7150, 2.6055,
51.1159


 17.7140, 0.6340,
30.0688

 182.6120, 2.1633,
52.9603

 5.0830, -2.5059,
10.4512

 205.1270, 4.3744,
43.7386

 0.0000, 0.0000,
0.0000

 224.8690, 8.9386,
26.4249

 243.2600, 5.7878,

10.2960

■ 75.7360, 4.0742,
46.7125

■ 75.7360, 4.0742,
46.7125

■ 67.3070, 4.7786,
54.1048

■ 84.1650, 3.3697,
39.3203

■ 58.8780, 5.4831,
61.4970

■ 92.5940, 2.6652,
31.9281

■ 50.4490, 6.1876,
68.8892

■ 101.0230, 1.9607,
24.5358

■ 45.1830, 6.3188,
73.5075

■ 109.4520, 1.2562,
17.1436

■ 117.8810, 0.5517,
9.7514

■ 125.7230, 0.1366,
2.8739

■ 134.2660, -0.1311,
-4.6183

■ 142.6950, -0.8356,
-12.0105

■ 151.1240, -1.5401,
-19.4027

Harmonies

Analogous

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



78.6330, 16.9429, 25.7549



75.7360, 4.0742, 46.7125



74.2730, -10.4876, 50.6266

Triad

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



75.7360, 4.0742, 46.7125



69.8340, -28.5122, -1.6084



66.6070, 29.2807, -58.4143

Complementary

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



75.7360, 4.0742, 46.7125



100.2640, -4.0742, -46.7125

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.



64.9310, 17.7820, -56.9445



75.7360, 4.0742, 46.7125



63.4630, -12.5533, -33.7321

Square

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



75.7360, 4.0742, 46.7125



72.5380, -32.8032, 21.4532



61.2830, 3.8045, -53.7452



63.8660, 36.5481, -56.0105

Rectangle

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



75.7360, 4.0742, 46.7125



74.1230, -19.7806, 44.6191



61.2830, 3.8045, -53.7452



66.3960, 25.9338, -58.2293

Sweetspot

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



75.7360, 4.0742, 46.7125



147.2780, 1.8349, 18.1732



69.5040, 29.3315, 18.8520



71.7070, 1.1304, 10.7810



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



75.7360, 4.0742, 46.7125



84.8840, 6.4662, 72.8927



73.2790, -12.9555, 48.8673



59.4350, 0.2785, 4.0035



44.8840, 6.4662, 72.8927



0.0000, 0.0000, 0.0000

Inverse Universe

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



75.7360, 4.0742, 46.7125



84.8840, 6.4662, 72.8927



102.7210, 12.9555, -48.8673



59.4350, 0.2785, 4.0035



44.8840, 6.4662, 72.8927



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 75.7360, 4.0742, 46.7125 looks on a white background.

Color Contrast Check

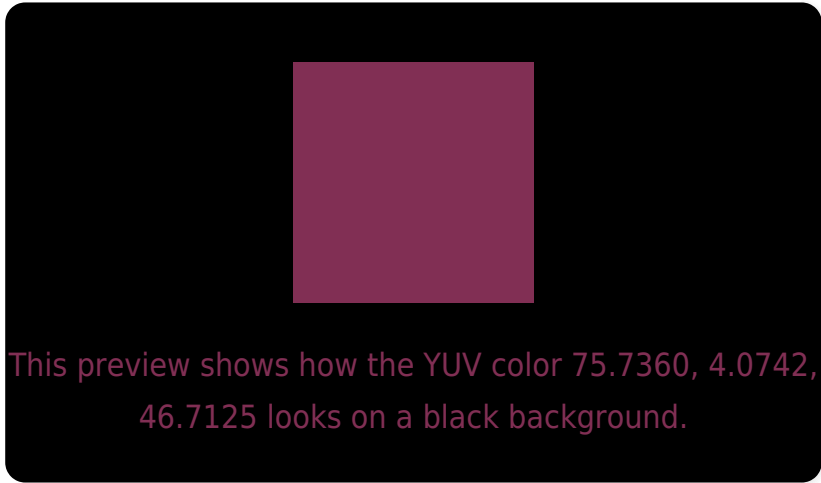
Large Text (above 18pt) WCAG AA ✓ Pass

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

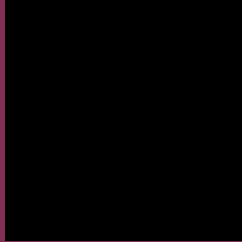
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 75.7360, 4.0742, 46.7125

Background



This preview shows how black text looks on a background with the YUV color 75.7360, 4.0742, 46.7125.



This preview shows how white text looks on a background with the YUV color 75.7360, 4.0742,

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

75.7360, 4.0742, 46.7125

Protanopia

77.8710, 12.3886, -6.9029

Deuteranopia

78.2610, 0.8573, 5.0331



Tritanopia

75.5820, -9.1609, 45.0936

Trichromacy



Original Color

75.7360, 4.0742, 46.7125

Protanomaly

76.8950, 9.4188, 12.3701

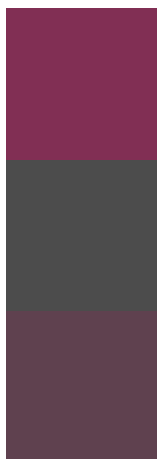
Deuteranomaly

77.2890, 1.8295, 19.9175

Tritanomaly

75.8470, -4.3616, 45.7382

Monochromacy



Original Color

75.7360, 4.0742, 46.7125

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

75.5660, 1.6930, 17.0436

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.7360, 4.0742, 46.7125 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(129, 47, 84)` looks like.

```
.text, #text, p{  
    color:rgb(129, 47, 84)  
}
```

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(129, 47, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 47, 84) }
```

Border

The CSS property to change the border of an element to YUV 75.7360, 4.0742, 46.7125 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(129, 47, 84) }
```


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

```
.border{ border-color:rgb(129, 47, 84) }
```

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

Here you see how a box with a 4 pixel rgb(129, 47, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 47, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 47, 84);  
box-shadow:4px 4px 4px 4px rgb(129, 47,  
84) }
```

Background

The CSS property to change the background color of an element to YUV 75.7360, 4.0742, 46.7125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 47, 84) }
```

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

```
.background{ background-color: rgb(129, 47,  
84) }
```

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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