

Converting Colors

YUV(90.1590, 5.8376, 41.0796)

Have a look what the booklet for
YUV(90.1590, 5.8376, 41.0796)
contains.

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Color

**YUV(90.1590, 5.8376,
41.0796)**

Conversions

Conversions Part 1

Format	Color
Hex	894066
RGB	137, 64, 102
RGB Percent	54%, 25%, 40%
CMY	0.4627, 0.7490, 0.6000
CMYK	0.00, 0.53, 0.26, 0.46
HSL	329°, 36%, 39%
HSV	329°, 53%, 54%
XYZ	14.5482, 9.9445, 13.7231
YIQ	90.1590, 31.3100, 27.2940

Conversions

Conversions Part 2

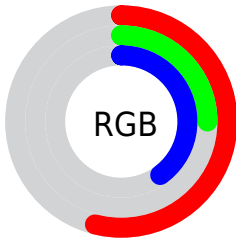
Format	Color
R_{YB}	137, 64, 102
Decimal	8994918
CIE Lab	37.74, 35.81, -7.62
CIE LCh	38, 36.613, 347.994
Yxy	9.9445, 0.3807, 0.2602
Android (android.graphics.Color)	4287184998 (0xFF894066)
YUV	90.1590, 5.8376, 41.0796
Hunter-Lab	31.5348, 27.1627, -3.7269

Details

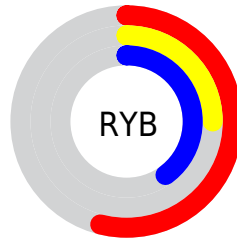
The YUV color **90.1590, 5.8376, 41.0796** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **110.8410, -5.8376, -41.0796**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.7680, 5.5374, 44.0535**, and **39.0170, 7.8796, 39.4501** is the 20% darker color. If you saturate the color by 10%, you get **81.1430, 6.8315, 48.9866**, and if you desaturate by 10%, it is **99.1750, 4.8437, 33.1725**.

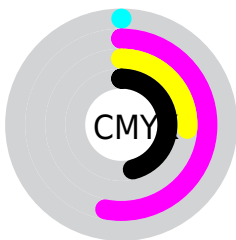
Distribution



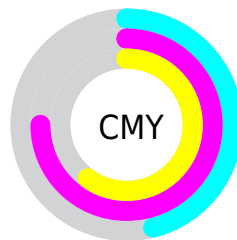
- Red (54%)
- Green (25%)
- Blue (40%)



- Red (54%)
- Yellow (25%)
- Blue (40%)



- Cyan (0%)
- Magenta (53%)
- Yellow (26%)
- Black (46%)



- Cyan (46%)
- Magenta (75%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.1590, 5.8376, 41.0796 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 90.1590, 5.8376, 41.0796 by changing the saturation by 10% instead.

90.1590, 5.8376,
41.0796

90.1590, 5.8376,
41.0796

255.0000, 0.0000,
0.0000

64.6750, 6.5692,
39.7500

141.7680, 5.5374,
44.0535

39.0170, 7.8796,
39.4501

169.3660, 5.2426,
45.2830

21.5170, 6.1541,
32.8726

196.9640, 4.9477,
46.5126

12.5020, -1.2335,
22.3617

217.5000, 8.6275,
32.8875

0.0000, 0.0000,
0.0000

236.8030, 8.9711,
15.9588

253.8260, 0.5788,

1.0296

■ 90.1590, 5.8376,
41.0796

■ 90.1590, 5.8376,
41.0796

■ 81.1430, 6.8315,
48.9866

■ 99.1750, 4.8437,
33.1725

■ 72.8280, 7.9728,
56.2788

■ 107.4900, 3.7024,
25.8803

■ 63.8120, 8.9667,
64.1859

■ 116.5060, 2.7085,
17.9732

■ 54.9100, 10.3974,
71.9929

■ 125.4080, 1.2779,
10.1662

■ 49.0570, 10.8179,
77.1260

■ 133.8370, 0.5734,
2.7740

■ 142.7390, -0.8573,
-5.0331

■ 151.7550, -1.8512,
-12.9401

■ 160.7710, -2.8451,
-20.8472

■ 169.0860, -3.9864,
-28.1394

Harmonies

Analogous

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



91.9310, 18.2750, 18.4775



90.1590, 5.8376, 41.0796



88.2450, -8.0088, 48.8971

Triad

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



90.1590, 5.8376, 41.0796



84.2090, -27.2180, 3.3247



74.3350, 28.4288, -65.1918

Complementary

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



90.1590, 5.8376, 41.0796



110.8410, -5.8376, -41.0796

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.



72.5450, 16.4933, -63.6220



90.1590, 5.8376, 41.0796



79.3180, -15.9328, -23.0809

Square

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



90.1590, 5.8376, 41.0796



86.2980, -28.7409, 25.1717



69.1250, 3.3894, -60.6226



72.4090, 36.2804, -63.5027

Rectangle

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



90.1590, 5.8376, 41.0796



87.6330, -16.5811, 45.0489



69.1250, 3.3894, -60.6226



74.0100, 24.6451, -64.9068

Sweetspot

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



90.1590, 5.8376, 41.0796



160.3810, 2.2772, 16.3289



82.4880, 26.8744, 13.6040



78.1090, 1.4253, 9.5514



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



90.1590, 5.8376, 41.0796



105.2250, 9.2561, 64.7007



86.0550, -9.8871, 44.6788



64.5490, 0.7153, 3.9035



47.6330, 10.5339, 74.8669



1.8370, 0.5734, 2.7740

Inverse Universe

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



90.1590, 5.8376, 41.0796



105.2250, 9.2561, 64.7007



114.9450, 9.8871, -44.6788



64.5490, 0.7153, 3.9035



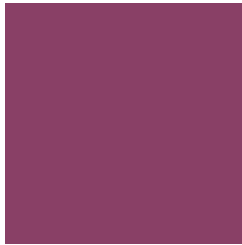
47.6330, 10.5339, 74.8669



1.8370, 0.5734, 2.7740

Previews

White Background



This preview shows how the YUV color 90.1590, 5.8376, 41.0796 looks on a white background.

Color Contrast Check

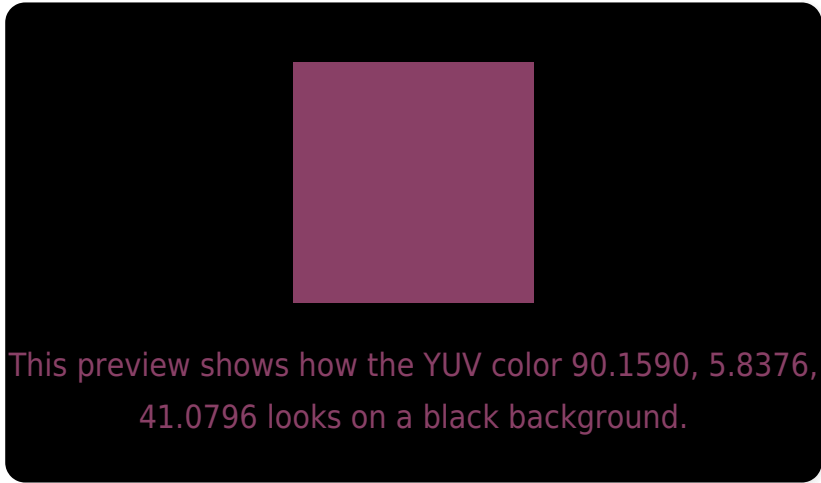
Large Text (above 18pt) WCAG AA ✓ Pass

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

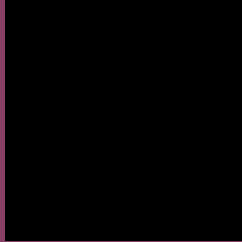
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 90.1590, 5.8376, 41.0796

Background



This preview shows how black text looks on a background with the YUV color 90.1590, 5.8376, 41.0796.



This preview shows how white text looks on a background with the YUV color 90.1590, 5.8376,

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

90.1590, 5.8376, 41.0796

Protanopia

89.4410, 14.5726, -7.4028

Deuteranopia

90.3470, 3.7729, 3.2037



Tritanopia

89.7060, -7.2501, 38.8458

Trichromacy



Original Color

90.1590, 5.8376, 41.0796

Protanomaly

89.4540, 11.6082, 10.1258

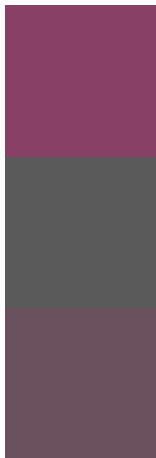
Deuteranomaly

90.5490, 4.1663, 17.0585

Tritanomaly

89.9710, -2.4507, 39.4904

Monochromacy



Original Color

90.1590, 5.8376, 41.0796

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

90.2560, 1.8458, 14.6845

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.1590, 5.8376, 41.0796 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(137, 64, 102)` looks like.

```
.text, #text, p{  
    color:rgb(137, 64, 102)  
}
```

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(137, 64, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 64, 102) }
```

Border

The CSS property to change the border of an element to YUV 90.1590, 5.8376, 41.0796 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(137, 64, 102) }
```


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

```
.border{ border-color:rgb(137, 64, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 64, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 64, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 64, 102);  
box-shadow:4px 4px 4px 4px rgb(137, 64,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 90.1590, 5.8376, 41.0796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 64, 102) }
```

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

```
.background{ background-color: rgb(137, 64,  
102) }
```

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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