

Converting Colors

YUV(103.5340, 14.0337,
72.3227)

Have a look what the booklet for
YUV(103.5340, 14.0337, 72.3227)
contains.

YUV(103.5340, 14.0337, 72.3227)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(103.5340, 14.0337,
72.3227)**

Conversions

Conversions Part 1

Format	Color
Hex	BA3884
RGB	186, 56, 132
RGB Percent	73%, 22%, 52%
CMY	0.2706, 0.7804, 0.4824
CMYK	0.00, 0.70, 0.29, 0.27
HSL	325°, 54%, 47%
HSV	325°, 70%, 73%
XYZ	25.8287, 14.9334, 23.3509
YIQ	103.5340, 53.0840, 51.1960

Conversions

Conversions Part 2

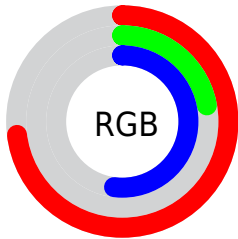
Format	Color
R_{YB}	186, 56, 132
Decimal	12204164
CIE _{Lab}	45.54, 58.59, -13.61
CIE _{LCh}	46, 60.149, 346.927
Yxy	14.9334, 0.4029, 0.2329
Android (android.graphics.Color)	4290394244 (0xFFBA3884)
YUV	103.5340, 14.0337, 72.3227
Hunter-Lab	38.6437, 51.6794, -8.7760

Details

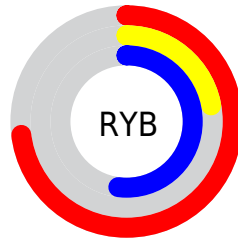
The YUV color **103.5340, 14.0337, 72.3227** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **138.4660, -14.0337, -72.3227**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.6760, 11.9917, 73.9521**, and **47.9190, 16.8019, 71.1080** is the 20% darker color. If you saturate the color by 10%, you get **91.4690, 16.0378, 82.9037**, and if you desaturate by 10%, it is **115.5990, 12.0297, 61.7417**.

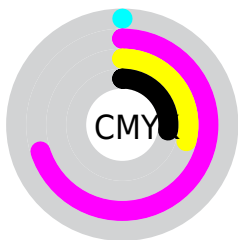
Distribution



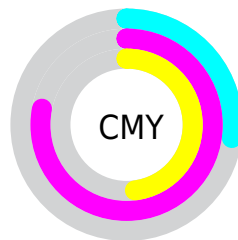
- Red (73%)
- Green (22%)
- Blue (52%)



- Red (73%)
- Yellow (22%)
- Blue (52%)



- Cyan (0%)
- Magenta (70%)
- Yellow (29%)
- Black (27%)





- Cyan (27%)
- Magenta (78%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the YUV color 103.5340, 14.0337, 72.3227 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 103.5340, 14.0337, 72.3227 by changing the saturation by 10% instead.


 103.5340, 14.0337,
72.3227


 103.5340, 14.0337,
72.3227


255.0000, 0.0000,
0.0000


 71.4680, 17.5173,
75.0116


 160.6760, 11.9917,
73.9521


 47.9190, 16.8019,
71.1080


 183.2940, 14.6451,
62.8862

 36.9250, 10.8830,
56.1938

 202.9220, 18.7725,
45.6724

 26.1590, 5.8376,
41.0796

 220.9540, 16.7847,
29.8583

 16.0620, -0.5236,
28.0096

 238.5640, 8.1029,
14.4144

 0.0000, 0.0000,
0.0000

■ 103.5340, 14.0337,
72.3227

■ 103.5340, 14.0337,
72.3227

■ 91.4690, 16.0378,
82.9037

■ 115.5990, 12.0297,
61.7417

■ 80.1050, 18.1892,
92.8699

■ 126.9630, 9.8782,
51.7754

■ 68.0400, 20.1933,
103.4509

■ 139.0280, 7.8742,
41.1944

■ 150.5060, 6.1595,
31.1282

■ 162.5710, 4.1555,
20.5472

■ 174.5220, 1.7147,
10.0662

■ 186.0000, 0.0000,
0.0000

■ 198.0650, -2.0040,

-10.5810

■ 209.5430, -3.7187,
-20.6472

Harmonies

Analogous

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



110.4930, 32.7880, 30.2626



103.5340, 14.0337, 72.3227



99.0630, -8.4121, 85.0137

Triad

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



103.5340, 14.0337, 72.3227



98.0140, -48.3209, 5.2497



95.7700, 42.0184, -83.9903

Complementary

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



103.5340, 14.0337, 72.3227



138.4660, -14.0337, -72.3227

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.



91.8140, 21.7837, -80.5209



103.5340, 14.0337, 72.3227



87.6840, -27.9452, -43.5729

Square

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



103.5340, 14.0337, 72.3227



101.7780, -50.1766, 40.5367



85.1850, -1.0772, -74.7072



93.9240, 55.2535, -82.3713

Rectangle

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



103.5340, 14.0337, 72.3227



101.2410, -25.2618, 76.0876



85.1850, -1.0772, -74.7072



94.7610, 35.6138, -83.1054

Sweetspot

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



103.5340, 14.0337, 72.3227



209.6690, 5.5862, 28.3543



86.3680, 49.1186, 18.9713



103.0220, 3.4402, 16.6437



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



103.5340, 14.0337, 72.3227



113.2630, 22.0553, 112.9023



96.3520, -13.4845, 78.6213



86.2610, 0.8573, 5.0331



57.0180, 16.7531, 86.8072



10.1960, 2.8614, 15.6141

Inverse Universe

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



103.5340, 14.0337, 72.3227



113.2630, 22.0553, 112.9023



145.6480, 13.4845, -78.6213



86.2610, 0.8573, 5.0331



57.0180, 16.7531, 86.8072



10.1960, 2.8614, 15.6141

Previews

White Background



This preview shows how the YUV color 103.5340, 14.0337, 72.3227 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 × Fail

Black Background



This preview shows how the YUV color 103.5340, 14.0337, 72.3227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

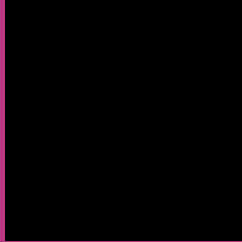
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 103.5340, 14.0337, 72.3227

Background



This preview shows how black text looks on a background with the YUV color 103.5340, 14.0337, 72.3227.



This preview shows how white text looks on a background with the YUV color 103.5340, 14.0337,

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

103.5340, 14.0337, 72.3227

Protanopia

107.7890, 30.1770, -19.1090

Deuteranopia

109.6610, 7.5621, 1.1743



Tritanopia

104.7590, -14.1782, 67.7404

Trichromacy



Original Color

103.5340, 14.0337, 72.3227

Protanomaly

105.9180, 24.6904, 14.1039

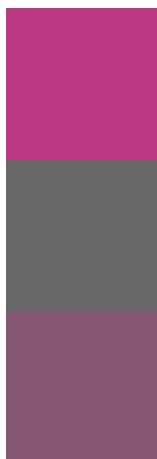
Deuteranomaly

107.5100, 10.1016, 26.7397

Tritanomaly

104.4030, -4.1427, 68.9296

Monochromacy



Original Color

103.5340, 14.0337, 72.3227

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

104.1310, 4.8654, 26.1951

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.5340, 14.0337, 72.3227 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(186, 56, 132)` looks like.

```
.text, #text, p{  
  color:rgb(186, 56, 132)  
}
```

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(186, 56, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 56, 132) }
```

Border

The CSS property to change the border of an element to YUV 103.5340, 14.0337, 72.3227 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(186, 56, 132) }
```


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

```
.border{ border-color:rgb(186, 56, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 56, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 56, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 56, 132);  
box-shadow:4px 4px 4px 4px rgb(186, 56,  
132) }
```

Background

The CSS property to change the background color of an element to YUV 103.5340, 14.0337, 72.3227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 56, 132) }
```

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

```
.background{ background-color: rgb(186, 56,  
132) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor