

Converting Colors

XYZ(15.3456, 10.6043, 10.2549)

Have a look what the booklet for
XYZ(15.3456, 10.6043, 10.2549)
contains.

XYZ(15.3456, 10.6043, 10.2549)	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

**XYZ(15.3456, 10.6043,
10.2549)**

Conversions

Conversions Part 1

Format	Color
Hex	914257
RGB	145, 66, 87
RGB Percent	57%, 26%, 34%
CMY	0.4314, 0.7412, 0.6588
CMYK	0.00, 0.54, 0.40, 0.43
HSL	344°, 37%, 41%
HSV	344°, 54%, 57%
XYZ	15.3456, 10.6043, 10.2549
YIQ	92.0150, 40.3430, 23.2790

Conversions

Conversions Part 2

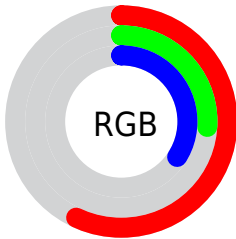
Format	Color
R_{YB}	145, 66, 87
Decimal	9519703
CIE Lab	38.91, 35.60, 3.67
CIE LCh	39, 35.786, 5.886
Yxy	10.6043, 0.4239, 0.2929
Android (android.graphics.Color)	4287709783 (0xFF914257)
YUV	92.0150, -2.4724, 46.4678
Hunter-Lab	32.5642, 27.1291, 4.1238

Details

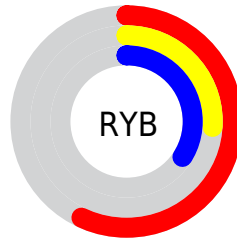
The XYZ color **15.3456, 10.6043, 10.2549** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **16.0108, 22.8646, 22.6396**, and the grayscale version is **10.1755, 10.7054, 11.6582**.

A 20% lighter version of the original color is **34.9640, 26.9462, 27.0252**, and **4.9031, 2.7330, 2.4596** is the 20% darker color. If you saturate the color by 10%, you get **14.1999, 8.9585, 7.8830**, and if you desaturate by 10%, it is **16.7708, 12.7064, 13.0367**.

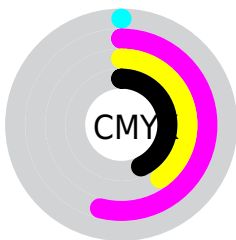
Distribution



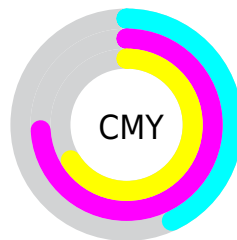
- Red (57%)
- Green (26%)
- Blue (34%)



- Red (57%)
- Yellow (26%)
- Blue (34%)



- Cyan (0%)
- Magenta (54%)
- Yellow (40%)
- Black (43%)



- Cyan (43%)
- Magenta (74%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.3456, 10.6043, 10.2549 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 XYZ color 15.3456, 10.6043, 10.2549 by changing the saturation by 10% instead.

■ 15.3456, 10.6043,
10.2549

■ 15.3456, 10.6043,
10.2549

218.7958,
194.9323, 203.0322

■ 9.1502, 5.8014,
5.4605

■ 35.0250, 26.9261,
26.8891

■ 4.8972, 2.7247,
2.4565

■ 49.2398, 39.2138,
39.5660

■ 2.2212, 0.9898,
0.8170

■ 66.8583, 54.7652,
55.7075

■ 0.7539, 0.0000,
0.0000

■ 88.2460, 73.9648,
75.7320

■ 0.0000, 0.0000,
0.0000

■ 113.7683, 97.1969,
100.0583

143.7904,

124.8459, 129.1047

178.6778,
157.2963, 163.2898

■ 15.3456, 10.6043,
10.2549

■ 15.3456, 10.6043,
10.2549

■ 14.1999, 8.9585,
7.8830

■ 16.7708, 12.7064,
13.0367

■ 13.3136, 7.7331,
5.9002

■ 18.4921, 15.2940,
16.2466

■ 12.6648, 6.8895,
4.2846

■ 20.5258, 18.3954,
19.9024

■ 12.2265, 6.3785,
3.0109

■ 22.8868, 22.0368,
24.0206

■ 12.0357, 6.1632,
2.4349

■ 25.5888, 26.2421,
28.6169

■ 28.6450, 31.0341,
33.7063

■ 32.0677, 36.4342,
39.3030

■ 35.8686, 42.4626,
45.4206

■ 40.0591, 49.1389,
52.0725

Harmonies

Analogous

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



14.8548, 10.6043, 17.7650



15.3456, 10.6043, 10.2549



14.2558, 10.6043, 5.4459

Triad

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



15.3456, 10.6043, 10.2549



7.6295, 10.6043, 3.8548



8.3241, 10.6043, 28.0962

Complementary

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



15.3456, 10.6043, 10.2549



16.0108, 22.8646, 22.6396

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.



6.8100, 10.6043, 21.0484



15.3456, 10.6043, 10.2549



6.4553, 10.6043, 6.9801

Square

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



15.3456, 10.6043, 10.2549



9.6174, 10.6043, 2.8049



6.1807, 10.6043, 12.9418



10.5552, 10.6043, 30.0838

Rectangle

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



15.3456, 10.6043, 10.2549



12.8670, 10.6043, 3.7441



6.1807, 10.6043, 12.9418



7.7261, 10.6043, 26.1345

Sweetspot

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



15.3459, 10.6048, 10.2551



40.1575, 38.1806, 41.5862



15.3621, 10.2215, 27.9514



8.7581, 8.2226, 8.9471



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



15.3459, 10.6048, 10.2551



25.0980, 15.5763, 13.3994



15.8649, 12.8218, 6.7936



5.4641, 5.4462, 5.9419



10.3331, 5.2902, 2.1393



0.1069, 0.0538, 0.0631

Inverse Universe

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



15.3459, 10.6048, 10.2551



25.0980, 15.5763, 13.3994



14.8916, 18.2701, 29.5297



5.4641, 5.4462, 5.9419



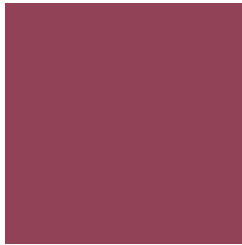
10.3331, 5.2902, 2.1393



0.1069, 0.0538, 0.0631

Previews

White Background



This preview shows how the XYZ color 15.3456, 10.6043, 10.2549 looks on a white background.

Color Contrast Check

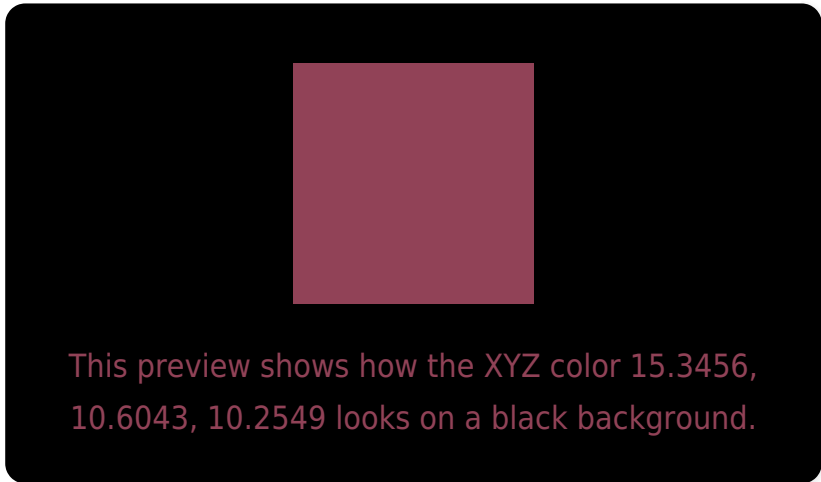
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

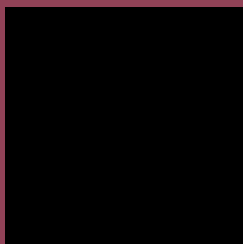
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.3456, 10.6043, 10.2549

Background



This preview shows how black text looks on a background with the XYZ color 15.3456, 10.6043, 10.2549.



This preview shows how white text looks on a background with the XYZ color 15.3456, 10.6043,

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

15.3456, 10.6043, 10.2549

Protanopia

10.5398, 10.8377, 14.1068

Deuteranopia

10.8426, 10.7123, 9.6798



Tritanopia

14.8323, 10.6666, 7.5804

Trichromacy



Original Color

15.3456, 10.6043, 10.2549

Protanomaly

11.8065, 10.4291, 12.7000

Deuteranomaly

12.1504, 10.4469, 9.7636

Tritanomaly

14.9439, 10.6136, 8.4687

Monochromacy



Original Color

15.3456, 10.6043, 10.2549

Achromatopsia

10.1725, 10.7023, 11.6548

Achromatomaly

11.4943, 10.3042, 11.0560

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3456, 10.6043, 10.2549 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(145, 66, 87)` looks like.

```
.text, #text, p{  
    color:rgb(145, 66, 87)  
}
```

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(145, 66, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 66, 87) }
```

Border

The CSS property to change the border of an element to XYZ 15.3456, 10.6043, 10.2549 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(145, 66, 87) }
```


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

```
.border{ border-color:rgb(145, 66, 87) }
```

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

Here you see how a box with a 4 pixel rgb(145, 66, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 66, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 66, 87);  
box-shadow:4px 4px 4px 4px rgb(145, 66,  
87) }
```

Background

The CSS property to change the background color of an element to XYZ 15.3456, 10.6043, 10.2549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 66, 87) }
```

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

```
.background{ background-color: rgb(145, 66,  
87) }
```

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