

Converting Colors

XYZ(14.9784, 10.4873, 15.2217)

Have a look what the booklet for
XYZ(14.9784, 10.4873, 15.2217)
contains.

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Color

**XYZ(15.0375, 10.5141,
15.1468)**

Conversions

Conversions Part 1

Format	Color
Hex	89446B
RGB	137, 68, 107
RGB Percent	54%, 27%, 42%
CMY	0.4627, 0.7333, 0.5804
CMYK	0.00, 0.50, 0.22, 0.46
HSL	326°, 34%, 40%
HSV	326°, 50%, 54%
XYZ	15.0375, 10.5141, 15.1468
YIQ	93.0770, 28.6050, 26.7570

Conversions

Conversions Part 2

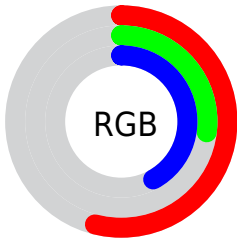
Format	Color
R_{YB}	137, 68, 107
Decimal	8995947
CIE _{Lab}	38.75, 34.44, -9.23
CIE _{LCh}	39, 35.653, 344.990
Yxy	10.5141, 0.3695, 0.2583
Android (android.graphics.Color)	4287186027 (0xFF89446B)
YUV	93.0770, 6.8640, 38.5205
Hunter-Lab	32.4255, 26.0359, -4.9981

Details

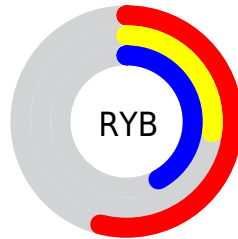
The XYZ color **15.0375, 10.5141, 15.1468** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **13.5346, 20.0025, 14.7036**, and the grayscale version is **10.4025, 10.9443, 11.9183**.

A 20% lighter version of the original color is **34.3882, 26.6320, 35.6758**, and **4.7782, 2.6902, 4.5424** is the 20% darker color. If you saturate the color by 10%, you get **14.0011, 8.9255, 13.3080**, and if you desaturate by 10%, it is **16.2898, 12.4997, 17.1643**.

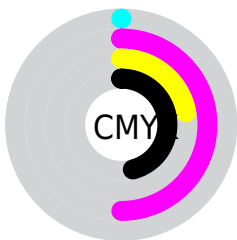
Distribution



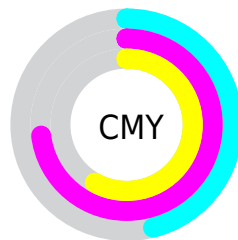
- Red (54%)
- Green (27%)
- Blue (42%)



- Red (54%)
- Yellow (27%)
- Blue (42%)



- Cyan (0%)
- Magenta (50%)
- Yellow (22%)
- Black (46%)



- Cyan (46%)
- Magenta (73%)
- Yellow (58%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.0375, 10.5141, 15.1468 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 15.0375, 10.5141, 15.1468 by changing the saturation by 10% instead.

15.0375, 10.5141,
15.1468

15.0375, 10.5141,
15.1468

216.9770,
194.3029, 235.9244

8.9322, 5.7411,
8.7747

34.4901, 26.7581,
35.8564

4.7537, 2.6883,
4.4997

48.5680, 38.9979,
51.0311

2.1368, 0.9713,
1.9033

66.0343, 54.4954,
69.9770

0.7091, 0.0000,
0.4948

87.2542, 73.6351,
93.1127

0.0000, 0.0000,
0.0000

112.5930, 96.8013,
120.8567

142.4162,

124.3784, 153.6277

177.0890,
156.7508, 191.8440

■ 15.0375, 10.5141,
15.1468

■ 15.0375, 10.5141,
15.1468

■ 14.0011, 8.9255,
13.3080

■ 16.2898, 12.4997,
17.1643

■ 13.1654, 7.7048,
11.6405

■ 17.7699, 14.9056,
19.3662

■ 12.5150, 6.8213,
10.1369

■ 19.4897, 17.7552,
21.7587

■ 12.0312, 6.2387,
8.7888

■ 21.4603, 21.0697,
24.3473

■ 11.6715, 5.8604,
7.6175

■ 23.6918, 24.8689,
27.1374

■ 26.1938, 29.1715,
30.1341

■ 28.9756, 33.9952,
33.3421

■ 32.0457, 39.3567,
36.7662

■ 35.4126, 45.2722,
40.4109

Harmonies

Analogous

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



13.5497, 10.5141, 23.2905



15.0375, 10.5141, 15.1468



15.0380, 10.5141, 8.4100

Triad

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



15.0375, 10.5141, 15.1468



8.8670, 10.5141, 2.9335



7.1202, 10.5141, 23.2855

Complementary

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



15.0375, 10.5141, 15.1468



13.5346, 20.0025, 14.7036

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.



6.2256, 10.5141, 15.1416



15.0375, 10.5141, 15.1468



7.1210, 10.5141, 4.5065

Square

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



15.0375, 10.5141, 15.1468



11.2128, 10.5141, 2.9340



6.2259, 10.5141, 8.4065



8.8656, 10.5141, 29.1034

Rectangle

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



15.0375, 10.5141, 15.1468



14.1822, 10.5141, 5.5044



6.2259, 10.5141, 8.4065



6.7230, 10.5141, 20.6137

Sweetspot

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



15.0378, 10.5146, 15.1470



36.6206, 34.6763, 41.2536



11.6092, 8.5320, 24.7021



8.0717, 7.5389, 9.0653



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



15.0378, 10.5146, 15.1470



24.9141, 15.7459, 23.5318



13.5734, 9.9289, 7.4356



5.1435, 5.0928, 5.8440



10.8780, 5.4613, 7.1276



0.0796, 0.0392, 0.0861

Inverse Universe

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



15.0378, 10.5146, 15.1470



24.9141, 15.7459, 23.5318



15.5222, 20.7975, 25.1701



5.1435, 5.0928, 5.8440



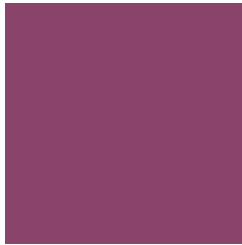
10.8780, 5.4613, 7.1276



0.0796, 0.0392, 0.0861

Previews

White Background



This preview shows how the XYZ color 15.0375, 10.5141, 15.1468 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

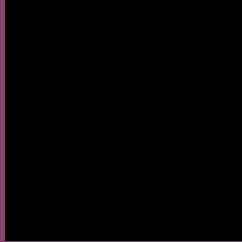
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.0375, 10.5141, 15.1468

Background



This preview shows how black text looks on a background with the XYZ color 15.0375, 10.5141, 15.1468.



This preview shows how white text looks on a background with the XYZ color 15.0375, 10.5141,

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

15.0375, 10.5141, 15.1468

Protanopia

10.8835, 10.7512, 20.2405

Deuteranopia

10.7399, 10.5569, 14.3036



Tritanopia

13.6916, 10.5304, 8.7081

Trichromacy



Original Color

15.0375, 10.5141, 15.1468

Protanomaly

11.8977, 10.3544, 18.2012

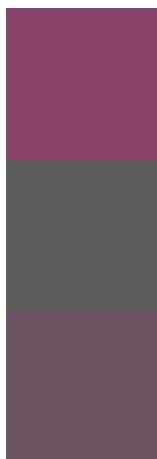
Deuteranomaly

11.8715, 10.1993, 14.4397

Tritanomaly

14.1122, 10.5069, 10.7354

Monochromacy



Original Color

15.0375, 10.5141, 15.1468

Achromatopsia

10.4043, 10.9462, 11.9204

Achromatomaly

11.6816, 10.4737, 12.9612

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0375, 10.5141, 15.1468 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, 68, 107)` looks like.

```
.text, #text, p{  
    color:rgb(137, 68, 107)  
}
```

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, 68, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 68, 107) }
```

Border

The CSS property to change the border of an element to XYZ 15.0375, 10.5141, 15.1468 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, 68, 107) }
```


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

```
.border{ border-color:rgb(137, 68, 107) }
```

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

Here you see how a box with a 4 pixel rgb(137, 68, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 68, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 68, 107);  
box-shadow:4px 4px 4px 4px rgb(137, 68,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0375, 10.5141, 15.1468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 68, 107) }
```

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

```
.background{ background-color: rgb(137, 68,  
107) }
```

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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