

Converting Colors

XYZ(15.2417, 9.2628, 5.6949)

Have a look what the booklet for
XYZ(15.2417, 9.2628, 5.6949)
contains.

XYZ(15.2401, 9.2619, 5.6871)	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(15.2401, 9.2619,
5.6871)**

Conversions

Conversions Part 1

Format	Color
Hex	9A2F3F
RGB	154, 47, 63
RGB Percent	60%, 18%, 25%
CMY	0.3961, 0.8157, 0.7529
CMYK	0.00, 0.69, 0.59, 0.40
HSL	351°, 53%, 39%
HSV	351°, 69%, 60%
XYZ	15.2401, 9.2619, 5.6871
YIQ	80.8170, 58.6360, 27.6600

Conversions

Conversions Part 2

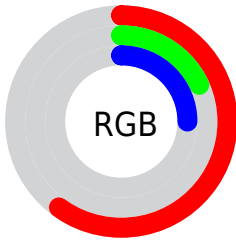
Format	Color
R_{YB}	154, 47, 63
Decimal	10104639
CIE _{Lab}	36.48, 45.41, 15.73
CIE _{LCh}	36, 48.059, 19.103
Yxy	9.2619, 0.5048, 0.3068
Android (android.graphics.Color)	4288294719 (0xFF9A2F3F)
YUV	80.8170, -8.7838, 64.1815
Hunter-Lab	30.4334, 36.1289, 10.2238

Details

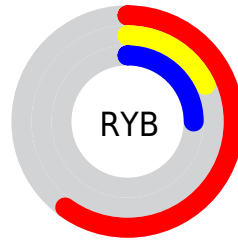
The XYZ color **15.2401, 9.2619, 5.6871** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **17.3160, 25.5507, 28.0661**, and the grayscale version is **7.7941, 8.2000, 8.9298**.

A 20% lighter version of the original color is **34.8122, 24.3863, 17.6241**, and **5.0651, 2.5955, 0.9435** is the 20% darker color. If you saturate the color by 10%, you get **14.4059, 8.1114, 3.8130**, and if you desaturate by 10%, it is **16.3791, 10.8828, 8.0927**.

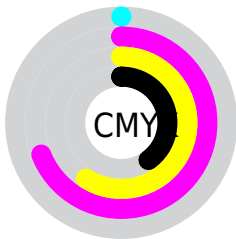
Distribution



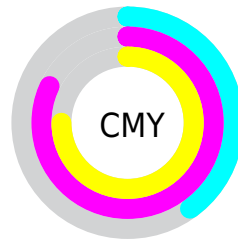
- Red (60%)
- Green (18%)
- Blue (25%)



- Red (60%)
- Yellow (18%)
- Blue (25%)



- Cyan (0%)
- Magenta (69%)
- Yellow (59%)
- Black (40%)




- Cyan (40%)
- Magenta (82%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.2401, 9.2619, 5.6871 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 15.2401, 9.2619, 5.6871 by changing the saturation by 10% instead.


 15.2401, 9.2619,
5.6871


 15.2401, 9.2619,
5.6871


218.1746,
185.3198, 165.4531


 9.0755, 4.9124,
2.5901


 34.8420, 24.3976,
17.7442


 4.8480, 2.1960,
0.8873

 49.0101, 35.9526,
27.5414


 2.1922, 0.7178,
0.0000

 66.5766, 50.6783,
40.4090

 0.7386, 0.0000,
0.0000

 87.9071, 68.9590,
56.7657

 0.0000, 0.0000,
0.0000

 113.3667, 91.1791,
77.0299

 143.3209,

117.7230, 101.6201

178.1351,
148.9751, 130.9550

■ 15.2401, 9.2619,
5.6871

■ 15.2401, 9.2619,
5.6871

■ 14.4059, 8.1114,
3.8130

■ 16.3791, 10.8828,
8.0927

■ 13.8456, 7.3791,
2.4288

■ 17.8484, 13.0159,
11.0660

■ 13.4969, 6.9522,
1.4788

■ 19.6717, 15.7001,
14.6406

■ 13.4812, 6.9319,
1.4391

■ 21.8702, 18.9703,
18.8471

■ 24.4634, 22.8583,
23.7143

■ 27.4695, 27.3938,
29.2690

■ 30.9055, 32.6043,
35.5365

■ 34.7875, 38.5159,
42.5410

■ 39.1307, 45.1534,
50.3055

Harmonies

Analogous

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



15.5417, 9.2619, 13.4373



15.2401, 9.2619, 5.6871



13.0109, 9.2619, 2.1625

Triad

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



15.2401, 9.2619, 5.6871



5.2068, 9.2619, 2.7988



7.7846, 9.2619, 35.5222

Complementary

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



15.2401, 9.2619, 5.6871



17.3160, 25.5507, 28.0661

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.



5.6172, 9.2619, 27.7587



15.2401, 9.2619, 5.6871



4.3632, 9.2619, 7.3419

Square

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



15.2401, 9.2619, 5.6871



7.0917, 9.2619, 1.2466



4.4947, 9.2619, 16.3102



10.7699, 9.2619, 34.1621

Rectangle

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



15.2401, 9.2619, 5.6871



10.9598, 9.2619, 1.2898



4.4947, 9.2619, 16.3102



6.9498, 9.2619, 33.7756

Sweetspot

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



15.2403, 9.2624, 5.6873



43.4661, 40.0601, 41.2631



17.3225, 9.7657, 31.5436



9.5580, 8.6466, 8.8152



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



15.2403, 9.2624, 5.6873



25.5833, 13.9564, 5.5159



17.0452, 13.4866, 4.3948



6.2446, 6.2370, 6.6680



10.9924, 5.6512, 1.2192



0.1728, 0.0879, 0.0626

Inverse Universe

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



15.2403, 9.2624, 5.6873



25.5833, 13.9564, 5.5159



13.3145, 15.5560, 32.8725



6.2446, 6.2370, 6.6680



10.9924, 5.6512, 1.2192



0.1728, 0.0879, 0.0626

Previews

White Background



This preview shows how the XYZ color 15.2401, 9.2619, 5.6871 looks on a white background.

Color Contrast Check

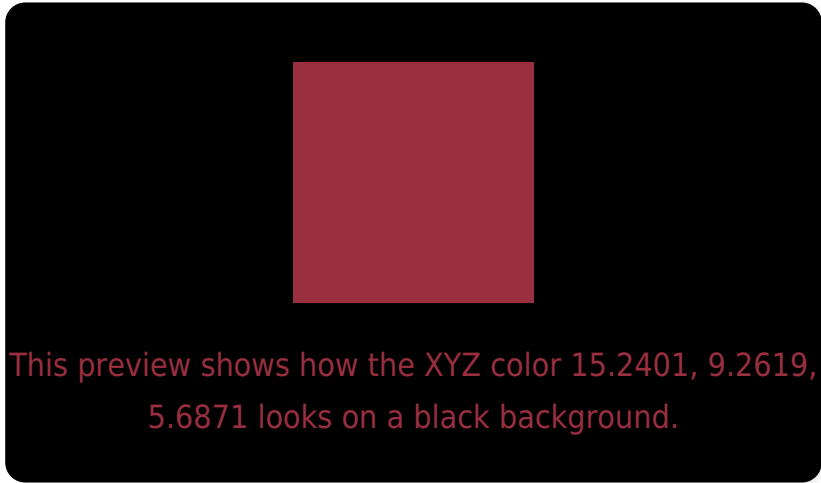
Large Text (above 18pt) WCAG AA ✓ Pass

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

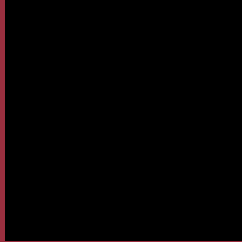
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.2401, 9.2619, 5.6871

Background



This preview shows how black text looks on a background with the XYZ color 15.2401, 9.2619, 5.6871.



This preview shows how white text looks on a background with the XYZ color 15.2401, 9.2619,

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

15.2401, 9.2619, 5.6871

Protanopia

9.1098, 9.5841, 9.1544

Deuteranopia

9.5659, 9.4351, 5.3200



Tritanopia

14.8550, 9.2169, 4.2449

Trichromacy



Original Color

15.2401, 9.2619, 5.6871

Protanomaly

10.3634, 8.6399, 7.6000

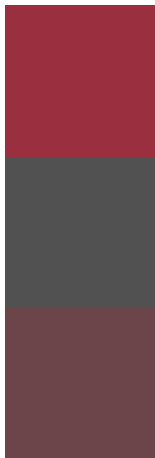
Deuteranomaly

11.0318, 8.8441, 5.4006

Tritanomaly

14.9076, 9.1717, 4.7260

Monochromacy



Original Color

15.2401, 9.2619, 5.6871

Achromatopsia

7.8210, 8.2283, 8.9606

Achromatomaly

9.5485, 7.9388, 7.5076

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.2401, 9.2619, 5.6871 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(154, 47, 63)` looks like.

```
.text, #text, p{  
    color:rgb(154, 47, 63)  
}
```

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(154, 47, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 47, 63) }
```

Border

The CSS property to change the border of an element to XYZ 15.2401, 9.2619, 5.6871 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(154, 47, 63) }
```


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

```
.border{ border-color:rgb(154, 47, 63) }
```

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

Here you see how a box with a 4 pixel rgb(154, 47, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 47, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 47, 63);  
box-shadow:4px 4px 4px 4px rgb(154, 47,  
63) }
```

Background

The CSS property to change the background color of an element to XYZ 15.2401, 9.2619, 5.6871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 47, 63) }
```

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

```
.background{ background-color: rgb(154, 47,  
63) }
```

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