

Converting Colors

XYZ(15.1184, 8.5836, 3.5971)

Have a look what the booklet for
XYZ(15.1184, 8.5836, 3.5971)
contains.

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Color

**XYZ(15.1857, 8.6184,
3.5525)**

Conversions

Conversions Part 1

Format	Color
Hex	9E222F
RGB	158, 34, 47
RGB Percent	62%, 13%, 18%
CMY	0.3804, 0.8666, 0.8157
CMYK	0.00, 0.78, 0.70, 0.38
HSL	354°, 65%, 38%
HSV	354°, 78%, 62%
XYZ	15.1857, 8.6184, 3.5525
YIQ	72.5580, 69.7310, 30.3310

Conversions

Conversions Part 2

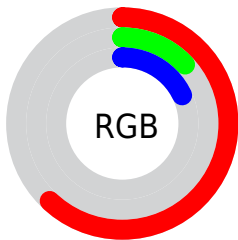
Format	Color
R_{YB}	158, 34, 47
Decimal	10363439
CIE Lab	35.24, 50.45, 24.44
CIE LCh	35, 56.060, 25.841
Yxy	8.6184, 0.5551, 0.3150
Android (android.graphics.Color)	4288553519 (0xFF9E222F)
YUV	72.5580, -12.6001, 74.9326
Hunter-Lab	29.3571, 40.9586, 13.3753

Details

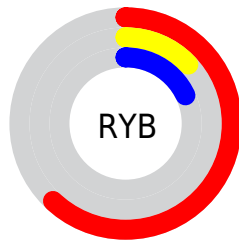
The XYZ color **15.1857, 8.6184, 3.5525** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **17.9983, 26.8385, 31.0233**, and the grayscale version is **6.2694, 6.5958, 7.1829**.

A 20% lighter version of the original color is **34.8454, 23.1627, 12.9902**, and **5.1456, 2.6526, 0.2408** is the 20% darker color. If you saturate the color by 10%, you get **14.5927, 7.8175, 2.1681**, and if you desaturate by 10%, it is **16.0792, 9.8725, 5.4935**.

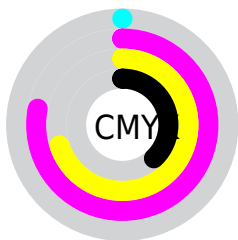
Distribution



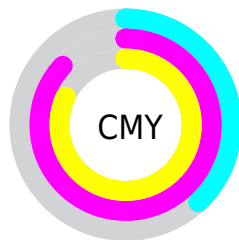
- Red (62%)
- Green (13%)
- Blue (18%)



- Red (62%)
- Yellow (13%)
- Blue (18%)



- Cyan (0%)
- Magenta (78%)
- Yellow (70%)
- Black (38%)





- Cyan (38%)
- Magenta (87%)
- Yellow (82%)
- Black (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.1857, 8.6184, 3.5525 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 15.1857, 8.6184, 3.5525 by changing the saturation by 10% instead.


 15.1857, 8.6184,
3.5525


 15.1857, 8.6184,
3.5525


217.8536,
180.5051, 143.1134


 9.0370, 4.4931,
1.3832


 34.7476, 23.1621,
12.9638


 4.8226, 1.9531,
0.1286

 48.8915, 34.3494,
21.0429


 2.1772, 0.5800,
0.0000

 66.4312, 48.6594,
31.9289

 0.7307, 0.0000,
0.0000

 87.7320, 66.4766,
46.0406

 0.0000, 0.0000,
0.0000

 113.1593, 88.1854,
63.7963

 143.0784,

114.1701, 85.6146

177.8548,
144.8152, 111.9142

■ 15.1857, 8.6184,
3.5525

■ 15.1857, 8.6184,
3.5525

■ 14.5927, 7.8175,
2.1681

■ 16.0792, 9.8725,
5.4935

■ 14.2417, 7.3674,
1.2747

■ 17.3059, 11.6320,
8.0418

■ 14.1982, 7.3082,
1.1745

■ 18.8949, 13.9436,
11.2426

■ 20.8719, 16.8482,
15.1368

■ 23.2603, 20.3829,
19.7618

■ 26.0815, 24.5818,
25.1525

■ 29.3556, 29.4764,
31.3415

■ 33.1013, 35.0964,
38.3594

■ 37.3363, 41.4697,
46.2353

Harmonies

Analogous

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



16.1207, 8.6184, 10.7401



15.1857, 8.6184, 3.5525



12.2169, 8.6184, 1.0051

Triad

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



15.1857, 8.6184, 3.5525



4.0382, 8.6184, 2.5028



7.7474, 8.6184, 40.8569

Complementary

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



15.1857, 8.6184, 3.5525



17.9983, 26.8385, 31.0233

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.



5.1646, 8.6184, 33.2873



15.1857, 8.6184, 3.5525



3.4123, 8.6184, 8.1471

Square

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



15.1857, 8.6184, 3.5525



5.7624, 8.6184, 0.7203



3.7624, 8.6184, 19.5229



11.2223, 8.6184, 36.3926

Rectangle

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



15.1857, 8.6184, 3.5525



9.8141, 8.6184, 0.4474



3.7624, 8.6184, 19.5229



6.7585, 8.6184, 39.5495

Sweetspot

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



15.1859, 8.6189, 3.5526



44.1967, 39.9219, 39.6389



18.1642, 9.5006, 33.2241



9.5912, 8.4461, 8.2215



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



15.1859, 8.6189, 3.5526



26.0137, 13.5816, 2.6700



17.3720, 13.3499, 3.1753



6.6599, 6.6569, 7.0602



11.3790, 5.8562, 0.9811



0.2107, 0.1076, 0.0557

Inverse Universe

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



15.1859, 8.6189, 3.5526



26.0137, 13.5816, 2.6700



12.4583, 14.0624, 34.4053



6.6599, 6.6569, 7.0602



11.3790, 5.8562, 0.9811



0.2107, 0.1076, 0.0557

Previews

White Background



This preview shows how the XYZ color 15.1857, 8.6184, 3.5525 looks on a white background.

Color Contrast Check

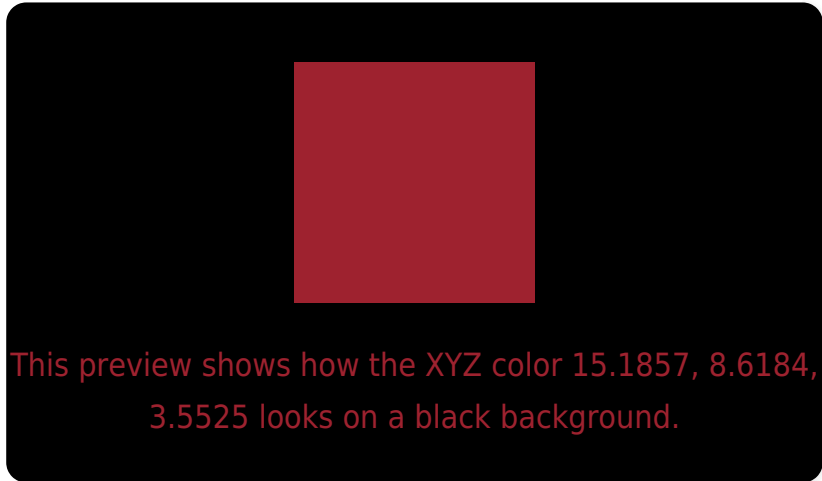
Large Text (above 18pt) WCAG AA ✓ Pass

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

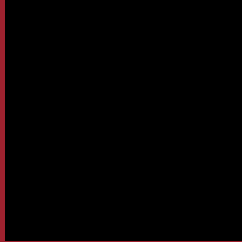
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.1857, 8.6184, 3.5525

Background



This preview shows how black text looks on a background with the XYZ color 15.1857, 8.6184, 3.5525.



This preview shows how white text looks on a background with the XYZ color 15.1857, 8.6184,

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

15.1857, 8.6184, 3.5525

Protanopia

8.3409, 8.8960, 6.2785

Deuteranopia

8.9606, 8.8336, 3.2403



Tritanopia

15.0654, 8.6644, 2.6286

Trichromacy



Original Color

15.1857, 8.6184, 3.5525

Protanomaly

9.7822, 7.8468, 5.0020

Deuteranomaly

10.5257, 8.0145, 3.2777

Tritanomaly

15.1018, 8.6313, 2.9679

Monochromacy



Original Color

15.1857, 8.6184, 3.5525

Achromatopsia

6.3328, 6.6626, 7.2556

Achromatomaly

8.1983, 6.4412, 5.6617

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1857, 8.6184, 3.5525 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(158, 34, 47)` looks like.

```
.text, #text, p{  
  color:rgb(158, 34, 47)  
}
```

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(158, 34, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 34, 47) }
```

Border

The CSS property to change the border of an element to XYZ 15.1857, 8.6184, 3.5525 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(158, 34, 47) }
```


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

```
.border{ border-color:rgb(158, 34, 47) }
```

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

Here you see how a box with a 4 pixel rgb(158, 34, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 34, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 34, 47);  
box-shadow:4px 4px 4px 4px rgb(158, 34,  
47) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1857, 8.6184, 3.5525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 34, 47) }
```

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

```
.background{ background-color: rgb(158, 34,  
47) }
```

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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