

Converting Colors

XYZ(15.1939, 8.7652, 3.1533)

Have a look what the booklet for
XYZ(15.1939, 8.7652, 3.1533)
contains.

XYZ(15.1982, 8.7667, 3.1766)	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(15.1982, 8.7667,
3.1766)**

Conversions

Conversions Part 1

Format	Color
Hex	9E252B
RGB	158, 37, 43
RGB Percent	62%, 15%, 17%
CMY	0.3804, 0.8549, 0.8314
CMYK	0.00, 0.77, 0.73, 0.38
HSL	357°, 62%, 38%
HSV	357°, 77%, 62%
XYZ	15.1982, 8.7667, 3.1766
YIQ	73.8630, 70.1900, 27.5180

Conversions

Conversions Part 2

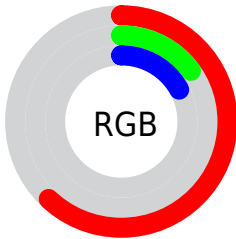
Format	Color
R_{YB}	158, 37, 43
Decimal	10364203
CIE _{Lab}	35.53, 49.27, 27.28
CIE _{LCh}	36, 56.316, 28.971
Yxy	8.7667, 0.5600, 0.3230
Android (android.graphics.Color)	4288554283 (0xFF9E252B)
YUV	73.8630, -15.2155, 73.7881
Hunter-Lab	29.6086, 39.8096, 14.3650

Details

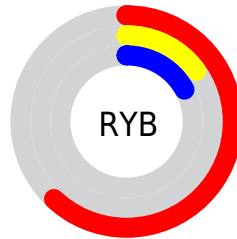
The XYZ color **15.1982, 8.7667, 3.1766** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **18.6583, 27.1144, 33.9598**, and the grayscale version is **6.5028, 6.8414, 7.4503**.

A 20% lighter version of the original color is **34.8437, 23.4356, 12.1383**, and **5.1456, 2.6526, 0.2408** is the 20% darker color. If you saturate the color by 10%, you get **14.5819, 7.8969, 1.8532**, and if you desaturate by 10%, it is **16.1291, 10.1036, 5.1055**.

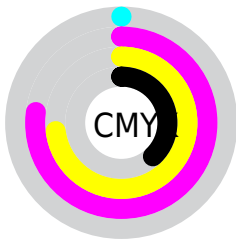
Distribution



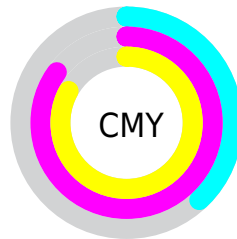
- Red (62%)
- Green (15%)
- Blue (17%)



- Red (62%)
- Yellow (15%)
- Blue (17%)



- Cyan (0%)
- Magenta (77%)
- Yellow (73%)
- Black (38%)





- Cyan (38%)
- Magenta (85%)
- Yellow (83%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.1982, 8.7667, 3.1766 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 15.1982, 8.7667, 3.1766 by changing the saturation by 10% instead.


 15.1982, 8.7667,
3.1766


 15.1982, 8.7667,
3.1766


217.9274,
181.6278, 138.5790


 9.0458, 4.5893,
1.1855


 34.7693, 23.4483,
12.0612


 4.8284, 2.0084,
0.0000

 48.9188, 34.7214,
19.7918


 2.1807, 0.6123,
0.0000

 66.4646, 49.1285,
30.2726

 0.7325, 0.0000,
0.0000

 87.7722, 67.0539,
43.9221

 0.0000, 0.0000,
0.0000

 113.2070, 88.8822,
61.1590

 143.1342,

114.9977, 82.4018

177.9192,
145.7848, 108.0689

■ 15.1982, 8.7667,
3.1766

■ 15.1982, 8.7667,
3.1766

■ 14.5819, 7.8969,
1.8532

■ 16.1291, 10.1036,
5.1055

■ 14.2316, 7.4155,
1.0608

■ 17.4084, 11.9590,
7.7003

■ 14.1433, 7.2862,
0.8856

■ 19.0663, 14.3790,
11.0146

■ 21.1295, 17.4044,
15.0964

■ 23.6223, 21.0722,
19.9895

■ 26.5669, 25.4164,
25.7344

■ 29.9843, 30.4686,
32.3691

■ 33.8940, 36.2585,
39.9291

■ 38.3145, 42.8140,
48.4479

Harmonies

Analogous

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



16.4116, 8.7667, 9.8752



15.1982, 8.7667, 3.1766



12.0451, 8.7667, 0.9091

Triad

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



15.1982, 8.7667, 3.1766



3.9960, 8.7667, 2.9131



8.2192, 8.7667, 41.6253

Complementary

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



15.1982, 8.7667, 3.1766



18.6583, 27.1144, 33.9598

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.



5.4738, 8.7667, 35.0772



15.1982, 8.7667, 3.1766



3.4663, 8.7667, 9.2231

Square

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



15.1982, 8.7667, 3.1766



5.6242, 8.7667, 0.8384



3.9266, 8.7667, 21.3128



11.7948, 8.7667, 35.8593

Rectangle

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



15.1982, 8.7667, 3.1766



9.6047, 8.7667, 0.4184



3.9266, 8.7667, 21.3128



7.1778, 8.7667, 40.7445

Sweetspot

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



15.1984, 8.7672, 3.1767



44.4802, 40.5991, 39.3935



19.7730, 10.4629, 33.3250



9.6377, 8.5777, 8.1182



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.



15.1984, 8.7672, 3.1767



25.9854, 13.6612, 2.2407



18.2147, 14.9629, 3.6792



6.6457, 6.6512, 6.9854



11.3318, 5.8373, 0.7325



0.2061, 0.1058, 0.0313

Inverse Universe

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



15.1984, 8.7672, 3.1767



25.9854, 13.6612, 2.2407



11.8404, 12.6732, 34.1697



6.6457, 6.6512, 6.9854



11.3318, 5.8373, 0.7325



0.2061, 0.1058, 0.0313

Previews

White Background



This preview shows how the XYZ color 15.1982, 8.7667, 3.1766 looks on a white background.

Color Contrast Check

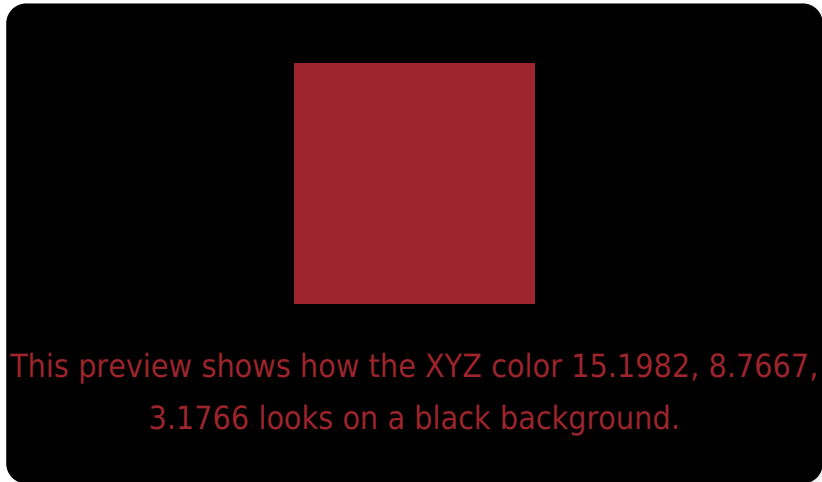
Large Text (above 18pt) WCAG AA ✓ Pass

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

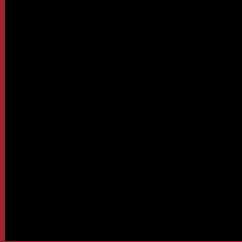
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.1982, 8.7667, 3.1766

Background



This preview shows how black text looks on a background with the XYZ color 15.1982, 8.7667, 3.1766.

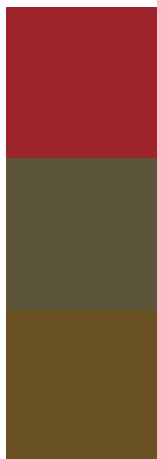


This preview shows how white text looks on a background with the XYZ color 15.1982, 8.7667,

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

15.1982, 8.7667, 3.1766

Protanopia

8.4515, 9.0881, 5.4464

Deuteranopia

9.0866, 9.0155, 2.9303



Tritanopia

15.1599, 8.8018, 2.8194

Trichromacy



Original Color

15.1982, 8.7667, 3.1766

Protanomaly

9.9122, 8.1043, 4.4100

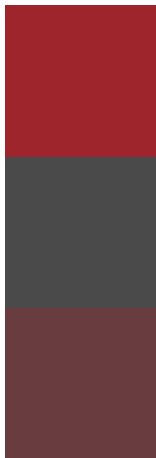
Deuteranomaly

10.5687, 8.2122, 2.9475

Tritanomaly

15.1767, 8.8085, 2.9078

Monochromacy



Original Color

15.1982, 8.7667, 3.1766

Achromatopsia

6.5089, 6.8478, 7.4573

Achromatomaly

8.3916, 6.6996, 5.5535

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1982, 8.7667, 3.1766 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, 37, 43)` looks like.

```
.text, #text, p{  
    color:rgb(158, 37, 43)  
}
```

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, 37, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 37, 43) }
```

Border

The CSS property to change the border of an element to XYZ 15.1982, 8.7667, 3.1766 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, 37, 43) }
```


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

```
.border{ border-color:rgb(158, 37, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 37, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 37, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 37, 43);  
box-shadow:4px 4px 4px 4px rgb(158, 37,  
43) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1982, 8.7667, 3.1766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 37, 43) }
```

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

```
.background{ background-color: rgb(158, 37,  
43) }
```

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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