

Converting Colors

XYZ(15.3877, 9.1341, 3.1735)

Have a look what the booklet for
XYZ(15.3877, 9.1341, 3.1735)
contains.

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Color

**XYZ(15.3464, 9.0922,
3.1366)**

Conversions

Conversions Part 1

Format	Color
Hex	9E2A2A
RGB	158, 42, 42
RGB Percent	62%, 16%, 16%
CMY	0.3804, 0.8353, 0.8353
CMYK	0.00, 0.73, 0.73, 0.38
HSL	0°, 58%, 39%
HSV	0°, 73%, 62%
XYZ	15.3464, 9.0922, 3.1366
YIQ	76.6840, 69.1360, 24.5920

Conversions

Conversions Part 2

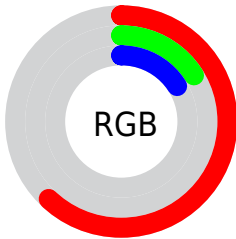
Format	Color
R_{YB}	158, 42, 42
Decimal	10365482
CIE _{Lab}	36.16, 47.43, 28.62
CIE _{LCh}	36, 55.400, 31.109
Yxy	9.0922, 0.5565, 0.3297
Android (android.graphics.Color)	4288555562 (0xFF9E2A2A)
YUV	76.6840, -17.0992, 71.3141
Hunter-Lab	30.1533, 38.0787, 14.9398

Details

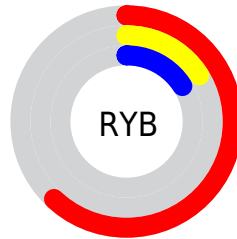
The XYZ color **15.3464, 9.0922, 3.1366** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **19.3517, 27.4115, 36.6184**, and the grayscale version is **7.0178, 7.3832, 8.0403**.

A 20% lighter version of the original color is **35.1577, 24.1304, 12.0371**, and **5.1456, 2.6526, 0.2408** is the 20% darker color. If you saturate the color by 10%, you get **14.6632, 8.0926, 1.7783**, and if you desaturate by 10%, it is **16.3624, 10.5792, 5.1560**.

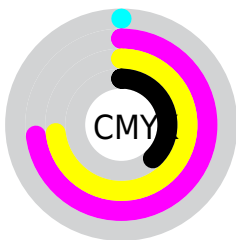
Distribution



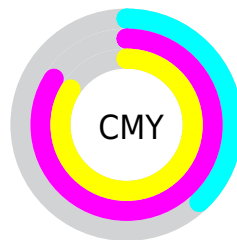
- Red (62%)
- Green (16%)
- Blue (16%)



- Red (62%)
- Yellow (16%)
- Blue (16%)



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





- Cyan (38%)
- Magenta (84%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.3464, 9.0922, 3.1366 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 15.3464, 9.0922, 3.1366 by changing the saturation by 10% instead.


 15.3464, 9.0922,
3.1366


 15.3464, 9.0922,
3.1366


218.8005,
184.0642, 138.0818


 9.1508, 4.8014,
1.1648


 35.0264, 24.0734,
11.9637

 4.8975, 2.1312,
0.0000

 49.2415, 35.5326,
19.6561


 2.2214, 0.6821,
0.0000

 66.8604, 50.1500,
30.0924

 0.7540, 0.0000,
0.0000

 88.2486, 68.3100,
43.6911

 0.0000, 0.0000,
0.0000

 113.7713, 90.3970,
60.8709

 143.7940,

116.7955, 82.0503

178.6819,
147.8897, 107.6477

15.3464, 9.0922,
3.1366

15.3464, 9.0922,
3.1366

14.6632, 8.0926,
1.7783

16.3624, 10.5792,
5.1560

14.2704, 7.5179,
0.9977

17.7456, 12.6032,
7.9055

14.1005, 7.2693,
0.6599

19.5266, 15.2094,
11.4461

21.7329, 18.4378,
15.8320

24.3893, 22.3249,
21.1128

■ 27.5189, 26.9044,
27.3344

■ 31.1431, 32.2076,
34.5393

■ 35.2820, 38.2639,
42.7675

■ 39.9547, 45.1013,
52.0568

Harmonies

Analogous

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



16.7316, 9.0922, 9.5500



15.3464, 9.0922, 3.1366



12.1103, 9.0922, 0.9677

Triad

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



15.3464, 9.0922, 3.1366



4.1686, 9.0922, 3.4303



8.7661, 9.0922, 41.7706

Complementary

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



15.3464, 9.0922, 3.1366



19.3517, 27.4115, 36.6184

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.



5.9083, 9.0922, 36.1107



15.3464, 9.0922, 3.1366



3.6991, 9.0922, 10.2582

Square

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



15.3464, 9.0922, 3.1366



5.7437, 9.0922, 1.0448



4.2451, 9.0922, 22.6801



12.3805, 9.0922, 35.2782

Rectangle

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



15.3464, 9.0922, 3.1366



9.6673, 9.0922, 0.5322



4.2451, 9.0922, 22.6801



7.6916, 9.0922, 41.2081

Sweetspot

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



15.3466, 9.0927, 3.1367



44.8137, 41.3067, 39.3797



21.0999, 11.3936, 33.4345



9.8053, 8.8766, 8.2859



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.



15.3466, 9.0927, 3.1367



26.1231, 13.9566, 2.2247



19.0755, 16.5505, 4.3797



6.6331, 6.6462, 6.9189



11.2932, 5.8220, 0.5285



0.2019, 0.1041, 0.0095

Inverse Universe

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



19.3517, 27.4115, 36.6184



33.8040, 49.0886, 66.4368



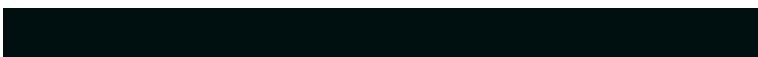
11.6835, 12.0752, 34.0624



6.8218, 7.5094, 8.4966



14.7337, 21.5590, 29.2920



0.2635, 0.3855, 0.5238

Previews

White Background



This preview shows how the XYZ color 15.3464, 9.0922, 3.1366 looks on a white background.

Color Contrast Check

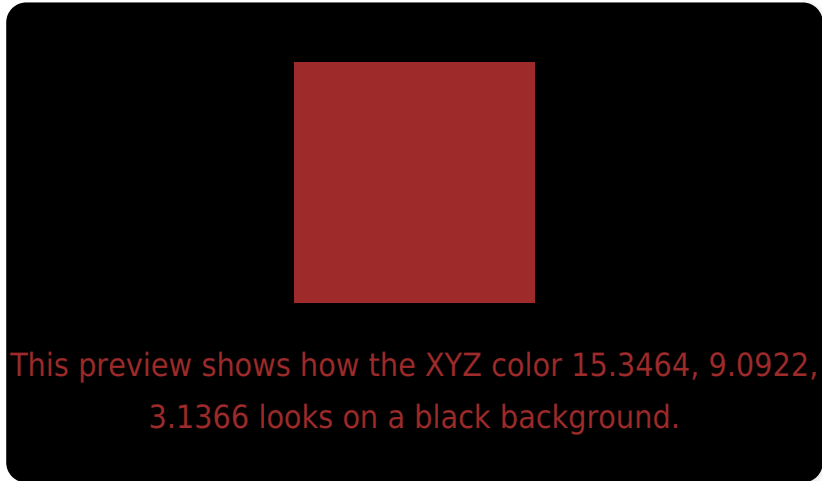
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.3464, 9.0922, 3.1366

Background



This preview shows how black text looks on a background with the XYZ color 15.3464, 9.0922, 3.1366.



This preview shows how white text looks on a background with the XYZ color 15.3464, 9.0922,

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

15.3464, 9.0922, 3.1366

Protanopia

8.6824, 9.3307, 5.2143

Deuteranopia

9.3841, 9.2817, 2.8871



Tritanopia

15.3646, 9.0994, 3.2321

Trichromacy



Original Color

15.3464, 9.0922, 3.1366

Protanomaly

10.1461, 8.4102, 4.3374

Deuteranomaly

10.9612, 8.5899, 2.9140

Tritanomaly

15.3646, 9.0994, 3.2321

Monochromacy



Original Color

15.3464, 9.0922, 3.1366

Achromatopsia

7.0540, 7.4214, 8.0819

Achromatomaly

8.7027, 7.1011, 5.7625

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3464, 9.0922, 3.1366 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, 42, 42)` looks like.

```
.text, #text, p{  
  color:rgb(158, 42, 42)  
}
```

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, 42, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 42, 42) }
```

Border

The CSS property to change the border of an element to XYZ 15.3464, 9.0922, 3.1366 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, 42, 42) }
```


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

```
.border{ border-color:rgb(158, 42, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 42, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 42, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 42, 42);  
box-shadow:4px 4px 4px 4px rgb(158, 42,  
42) }
```

Background

The CSS property to change the background color of an element to XYZ 15.3464, 9.0922, 3.1366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 42, 42) }
```

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

```
.background{ background-color: rgb(158, 42,  
42) }
```

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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