

Converting Colors

XYZ(18.2389, 11.2384, 15.2189)

Have a look what the booklet for
XYZ(18.2389, 11.2384, 15.2189)
contains.

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Color

**XYZ(18.2175, 11.2569,
15.1225)**

Conversions

Conversions Part 1

Format	Color
Hex	9E396B
RGB	158, 57, 107
RGB Percent	62%, 22%, 42%
CMY	0.3804, 0.7764, 0.5804
CMYK	0.00, 0.64, 0.32, 0.38
HSL	330°, 47%, 42%
HSV	330°, 64%, 62%
XYZ	18.2175, 11.2569, 15.1225
YIQ	92.8990, 44.1460, 36.9620

Conversions

Conversions Part 2

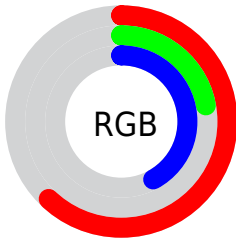
Format	Color
R_{YB}	158, 57, 107
Decimal	10369387
CIE _{Lab}	40.01, 46.86, -7.01
CIE _{LCh}	40, 47.383, 351.498
Yxy	11.2569, 0.4085, 0.2524
Android (android.graphics.Color)	4288559467 (0xFF9E396B)
YUV	92.8990, 6.9518, 57.0936
Hunter-Lab	33.5513, 38.2062, -3.2377

Details

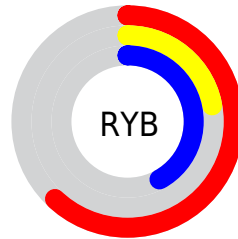
The XYZ color **18.2175, 11.2569, 15.1225** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **16.6216, 26.4066, 18.4099**, and the grayscale version is **10.3586, 10.8980, 11.8679**.

A 20% lighter version of the original color is **39.7718, 28.0676, 35.6691**, and **6.4091, 3.2098, 4.5567** is the 20% darker color. If you saturate the color by 10%, you get **17.1538, 9.7705, 12.7916**, and if you desaturate by 10%, it is **19.5637, 13.2460, 17.7389**.

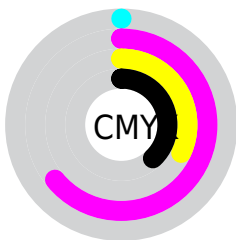
Distribution



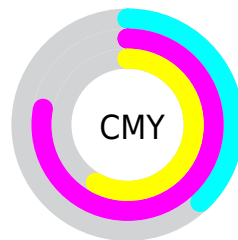
- Red (62%)
- Green (22%)
- Blue (42%)



- Red (62%)
- Yellow (22%)
- Blue (42%)



- Cyan (0%)
- Magenta (64%)
- Yellow (32%)
- Black (38%)




- Cyan (38%)
- Magenta (78%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 18.2175, 11.2569, 15.1225 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 18.2175, 11.2569, 15.1225 by changing the saturation by 10% instead.


 18.2175, 11.2569,
15.1225


 18.2175, 11.2569,
15.1225


235.1161,
199.4217, 235.7728


 11.2069, 6.2399,
8.7578


 39.9348, 28.1342,
35.8133


 6.2745, 2.9915,
4.4889


 55.3721, 40.7634,
50.9765


 3.0549, 1.1273,
1.8972

 74.3492, 56.6987,
69.9096

 1.1829, 0.0011,
0.4910

 97.2311, 76.3246,
93.0311

 0.0928, 0.0000,
0.0000

 124.3835,
100.0254, 120.7597

 0.0000, 0.0000,
0.0000

 156.1715,

128.1856, 153.5138

192.9606,
161.1896, 191.7120

■ 18.2175, 11.2569,
15.1225

■ 18.2175, 11.2569,
15.1225

■ 17.1538, 9.7705,
12.7916

■ 19.5637, 13.2460,
17.7389

■ 16.3471, 8.7379,
10.7322

■ 21.2127, 15.7774,
20.6523

■ 15.7686, 8.1032,
8.9296

■ 23.1842, 18.8886,
23.8740

■ 15.4834, 7.8222,
7.9417

■ 25.4958, 22.6132,
27.4145

■ 28.1637, 26.9823,
31.2837

■ 31.2030, 32.0249,
35.4909

■ 34.6280, 37.7681,
40.0452

■ 38.4523, 44.2376,
44.9549

■ 42.6887, 51.4577,
50.2285

Harmonies

Analogous

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



16.4254, 11.2569, 27.2690



18.2175, 11.2569, 15.1225



17.6964, 11.2569, 6.7627

Triad

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



18.2175, 11.2569, 15.1225



8.5528, 11.2569, 1.9675



7.2371, 11.2569, 32.4918

Complementary

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



18.2175, 11.2569, 15.1225



16.6216, 26.4066, 18.4099

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.



5.8431, 11.2569, 20.1287



18.2175, 11.2569, 15.1225



6.4877, 11.2569, 4.1065

Square

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



18.2175, 11.2569, 15.1225



11.6580, 11.2569, 1.6715



5.6000, 11.2569, 9.7782



9.7947, 11.2569, 40.1603

Rectangle

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



18.2175, 11.2569, 15.1225



16.1453, 11.2569, 3.7677



5.6000, 11.2569, 9.7782



6.6406, 11.2569, 28.5190

Sweetspot

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



18.2178, 11.2575, 15.1227



48.4223, 44.5266, 52.9060



13.7590, 8.5525, 33.2734



10.6283, 9.5673, 11.5053



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.



18.2178, 11.2575, 15.1227



30.4246, 16.7869, 21.4554



16.3026, 10.4914, 5.0375



6.7631, 6.6981, 7.6035



12.4205, 6.2728, 6.4652



0.2434, 0.1207, 0.2280

Inverse Universe

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



18.2178, 11.2575, 15.1227



30.4246, 16.7869, 21.4554



20.0861, 27.7924, 36.6536



6.7631, 6.6981, 7.6035



12.4205, 6.2728, 6.4652



0.2434, 0.1207, 0.2280

Previews

White Background



This preview shows how the XYZ color 18.2175, 11.2569, 15.1225 looks on a white background.

Color Contrast Check

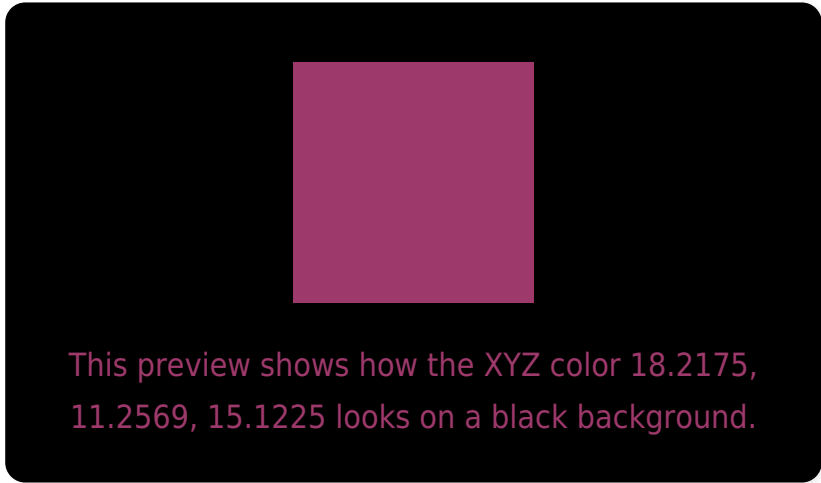
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.2175, 11.2569, 15.1225

Background



This preview shows how black text looks on a background with the XYZ color 18.2175, 11.2569, 15.1225.



This preview shows how white text looks on a background with the XYZ color 18.2175, 11.2569,

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

18.2175, 11.2569, 15.1225

Protanopia

11.8237, 11.5562, 23.4372

Deuteranopia

11.5922, 11.3803, 14.1560



Tritanopia

16.5713, 11.3072, 7.1035

Trichromacy



Original Color

18.2175, 11.2569, 15.1225

Protanomaly

13.0731, 10.6944, 20.1141

Deuteranomaly

13.3207, 10.7290, 14.4655

Tritanomaly

17.0491, 11.2475, 9.4560

Monochromacy



Original Color

18.2175, 11.2569, 15.1225

Achromatopsia

10.4043, 10.9462, 11.9204

Achromatomaly

12.4094, 10.4011, 12.9088

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.2175, 11.2569, 15.1225 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, 57, 107)` looks like.

```
.text, #text, p{  
    color:rgb(158, 57, 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(158, 57, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 57, 107) }
```

Border

The CSS property to change the border of an element to XYZ 18.2175, 11.2569, 15.1225 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, 57, 107) }
```


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

```
.border{ border-color:rgb(158, 57, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 57, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(158, 57, 107); -webkit-box-shadow:4px 4px 4px 4px rgb(158, 57, 107); box-shadow:4px 4px 4px 4px rgb(158, 57, 107) }
```

Background

The CSS property to change the background color of an element to XYZ 18.2175, 11.2569, 15.1225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 57, 107) }
```

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

```
.background{ background-color: rgb(158, 57,  
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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