

Converting Colors

XYZ(18.5248, 11.2257, 15.3750)

Have a look what the booklet for
XYZ(18.5248, 11.2257, 15.3750)
contains.

XYZ(18.5231, 11.1946, 15.3719)	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(18.5231, 11.1946,
15.3719)**

Conversions

Conversions Part 1

Format	Color
Hex	A0366C
RGB	160, 54, 108
RGB Percent	63%, 21%, 42%
CMY	0.3725, 0.7882, 0.5765
CMYK	0.00, 0.66, 0.32, 0.37
HSL	329°, 50%, 42%
HSV	329°, 66%, 63%
XYZ	18.5231, 11.1946, 15.3719
YIQ	91.8500, 45.8420, 39.2660

Conversions

Conversions Part 2

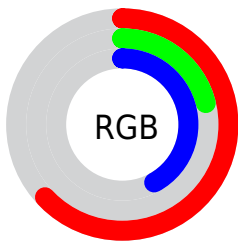
Format	Color
R_{YB}	160, 54, 108
Decimal	10499692
CIE _{Lab}	39.91, 48.91, -7.75
CIE _{LCh}	40, 49.522, 350.996
Yxy	11.1946, 0.4108, 0.2483
Android (android.graphics.Color)	4288689772 (0xFFA0366C)
YUV	91.8500, 7.9620, 59.7676
Hunter-Lab	33.4583, 40.2685, -3.8190

Details

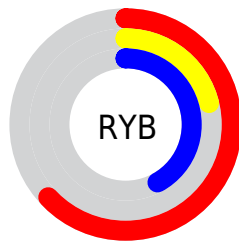
The XYZ color **18.5231, 11.1946, 15.3719** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **16.6942, 26.9667, 17.9624**, and the grayscale version is **10.1136, 10.6403, 11.5873**.

A 20% lighter version of the original color is **40.5340, 28.1338, 36.0949**, and **6.5512, 3.2800, 4.7027** is the 20% darker color. If you saturate the color by 10%, you get **17.4981, 9.7832, 13.0611**, and if you desaturate by 10%, it is **19.8314, 13.1121, 17.9629**.

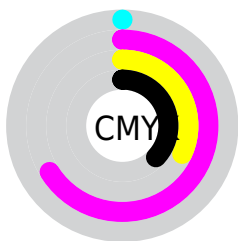
Distribution



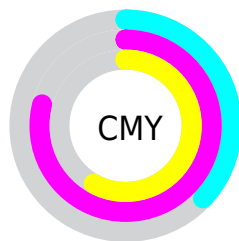
- Red (63%)
- Green (21%)
- Blue (42%)



- Red (63%)
- Yellow (21%)
- Blue (42%)



- Cyan (0%)
- Magenta (66%)
- Yellow (32%)
- Black (37%)





- Cyan (37%)
- Magenta (79%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 18.5231, 11.1946, 15.3719 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 18.5231, 11.1946, 15.3719 by changing the saturation by 10% instead.


 18.5231, 11.1946,
15.3719


 18.5231, 11.1946,
15.3719


236.7922,
198.9978, 237.3241


 11.4281, 6.1979,
8.9313


 40.4498, 28.0195,
36.2558


 6.4250, 2.9658,
4.6002


 56.0123, 40.6164,
51.5361


 3.1483, 1.1139,
1.9601

 75.1280, 56.5155,
70.6002

 1.2327, 0.0000,
0.5305

 98.1622, 76.1012,
93.8664

 0.1319, 0.0000,
0.0000

 125.4804, 99.7579,
121.7534

 0.0000, 0.0000,
0.0000

 157.4479,

127.8700, 154.6796

194.4301,
160.8218, 193.0637

■ 18.5231, 11.1946,
15.3719

■ 18.5231, 11.1946,
15.3719

■ 17.4981, 9.7832,
13.0611

■ 19.8314, 13.1121,
17.9629

■ 16.7292, 8.8256,
11.0163

■ 21.4445, 15.5777,
20.8458

■ 16.1804, 8.2512,
9.2205

■ 23.3832, 18.6311,
24.0320

■ 16.0014, 8.0753,
8.5997

■ 25.6657, 22.3076,
27.5320

■ 28.3090, 26.6398,
31.3557

■ 31.3290, 31.6580,
35.5124

■ 34.7405, 37.3906,
40.0112

■ 38.5576, 43.8644,
44.8606

■ 42.7934, 51.1048,
50.0687

Harmonies

Analogous

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



16.5952, 11.1946, 28.2482



18.5231, 11.1946, 15.3719



18.0145, 11.1946, 6.6207

Triad

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



18.5231, 11.1946, 15.3719



8.4586, 11.1946, 1.7173



7.0225, 11.1946, 33.3926

Complementary

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



18.5231, 11.1946, 15.3719



16.6942, 26.9667, 17.9624

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.



5.6157, 11.1946, 20.2356



18.5231, 11.1946, 15.3719



6.3132, 11.1946, 3.7763

Square

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



18.5231, 11.1946, 15.3719



11.7001, 11.1946, 1.4567



5.3873, 11.1946, 9.4789



9.6462, 11.1946, 41.7523

Rectangle

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



18.5231, 11.1946, 15.3719



16.3988, 11.1946, 3.5518



5.3873, 11.1946, 9.4789



6.4173, 11.1946, 29.1335

Sweetspot

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



18.5234, 11.1952, 15.3721



49.3330, 44.9661, 53.9867



13.5181, 8.1945, 34.1269



10.5444, 9.4113, 11.4411



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.



18.5234, 11.1952, 15.3721



31.1204, 16.9247, 22.0694



16.5249, 10.3958, 4.8479



6.7670, 6.6997, 7.6240



12.4872, 6.2995, 6.8167



0.2446, 0.1212, 0.2343

Inverse Universe

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



18.5234, 11.1952, 15.3721



31.1204, 16.9247, 22.0694



20.2841, 28.4027, 36.8663



6.7670, 6.6997, 7.6240



12.4872, 6.2995, 6.8167



0.2446, 0.1212, 0.2343

Previews

White Background



This preview shows how the XYZ color 18.5231, 11.1946, 15.3719 looks on a white background.

Color Contrast Check

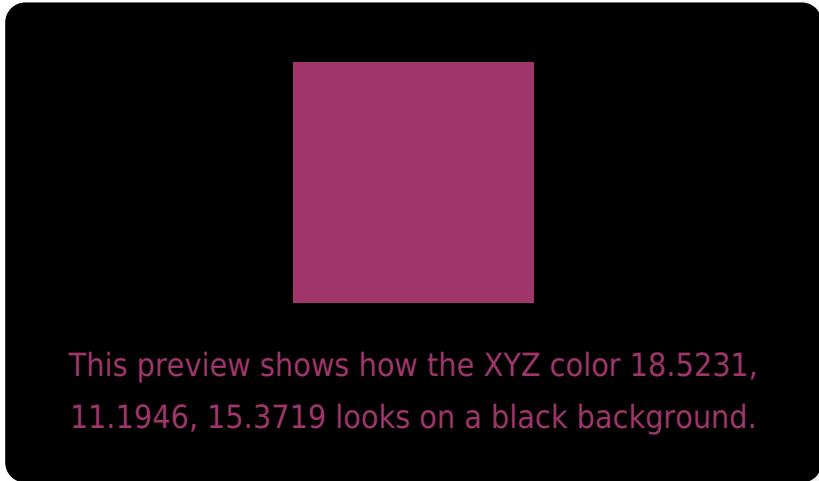
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.5231, 11.1946, 15.3719

Background



This preview shows how black text looks on a background with the XYZ color 18.5231, 11.1946, 15.3719.



This preview shows how white text looks on a background with the XYZ color 18.5231, 11.1946,

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

18.5231, 11.1946, 15.3719

Protanopia

11.8556, 11.5485, 24.5259

Deuteranopia

11.5922, 11.3803, 14.1560



Tritanopia

16.7814, 11.2522, 6.7563

Trichromacy



Original Color

18.5231, 11.1946, 15.3719

Protanomaly

12.9281, 10.3876, 20.7257

Deuteranomaly

13.2491, 10.5858, 14.4417

Tritanomaly

17.2777, 11.1254, 9.4204

Monochromacy



Original Color

18.5231, 11.1946, 15.3719

Achromatopsia

10.1725, 10.7023, 11.6548

Achromatomaly

12.2651, 10.1125, 12.8607

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.5231, 11.1946, 15.3719 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(160, 54, 108)` looks like.

```
.text, #text, p{  
    color:rgb(160, 54, 108)  
}
```

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(160, 54, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 54, 108) }
```

Border

The CSS property to change the border of an element to XYZ 18.5231, 11.1946, 15.3719 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(160, 54, 108) }
```


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

```
.border{ border-color:rgb(160, 54, 108) }
```

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

Here you see how a box with a 4 pixel rgb(160, 54, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 54, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 54, 108);  
box-shadow:4px 4px 4px 4px rgb(160, 54,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 18.5231, 11.1946, 15.3719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 54, 108) }
```

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

```
.background{ background-color: rgb(160, 54,  
108) }
```

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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