

Converting Colors

XYZ(19.2714, 11.7405, 16.8448)

Have a look what the booklet for
XYZ(19.2714, 11.7405, 16.8448)
contains.

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Color

**XYZ(19.3441, 11.7999,
16.8808)**

Conversions

Conversions Part 1

Format	Color
Hex	A23971
RGB	162, 57, 113
RGB Percent	64%, 22%, 44%
CMY	0.3647, 0.7764, 0.5569
CMYK	0.00, 0.65, 0.30, 0.36
HSL	328°, 48%, 43%
HSV	328°, 65%, 64%
XYZ	19.3441, 11.7999, 16.8808
YIQ	94.7790, 44.6040, 39.6760

Conversions

Conversions Part 2

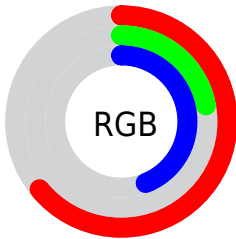
Format	Color
R_{YB}	162, 57, 113
Decimal	10631537
CIE _{Lab}	40.90, 48.87, -9.34
CIE _{LCh}	41, 49.751, 349.173
Yxy	11.7999, 0.4028, 0.2457
Android (android.graphics.Color)	4288821617 (0xFFA23971)
YUV	94.7790, 8.9830, 58.9528
Hunter-Lab	34.3510, 40.4046, -5.0907

Details

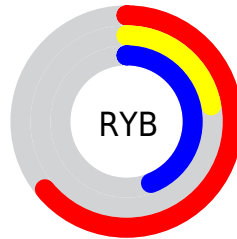
The XYZ color **19.3441, 11.7999, 16.8808** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **17.2099, 27.7516, 18.0868**, and the grayscale version is **10.7967, 11.3590, 12.3699**.

A 20% lighter version of the original color is **41.8827, 29.0841, 39.0036**, and **7.0175, 3.5075, 5.3082** is the 20% darker color. If you saturate the color by 10%, you get **18.2591, 10.2829, 14.5059**, and if you desaturate by 10%, it is **20.7208, 13.8433, 19.5281**.

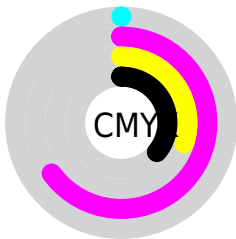
Distribution



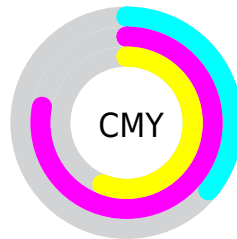
- Red (64%)
- Green (22%)
- Blue (44%)



- Red (64%)
- Yellow (22%)
- Blue (44%)



- Cyan (0%)
- Magenta (65%)
- Yellow (30%)
- Black (36%)





- Cyan (36%)
- Magenta (78%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.3441, 11.7999, 16.8808 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 19.3441, 11.7999, 16.8808 by changing the saturation by 10% instead.


 19.3441, 11.7999,
16.8808


 19.3441, 11.7999,
16.8808

241.2437,
203.0760, 246.5052


 12.0247, 6.6076,
9.9885


 41.8271, 29.1301,
38.9086


 6.8328, 3.2179,
5.2858


 57.7214, 42.0368,
54.8811


 3.4031, 1.2465,
2.3543

 77.2047, 58.2838,
74.7174

 1.3704, 0.0992,
0.7614

 100.6424, 78.2554,
98.8361

 0.2350, 0.0000,
0.0000

 128.3998,
102.3360, 127.6557

 0.0000, 0.0000,
0.0000

 160.8422,

130.9101, 161.5947

198.3350,
164.3619, 201.0717

■ 19.3441, 11.7999,
16.8808

■ 19.3441, 11.7999,
16.8808

■ 18.2591, 10.2829,
14.5059

■ 20.7208, 13.8433,
19.5281

■ 17.4386, 9.2395,
12.3897

■ 22.4109, 16.4556,
22.4590

■ 16.8507, 8.6075,
10.5175

■ 24.4352, 19.6770,
25.6842

■ 16.5961, 8.3597,
9.6269

■ 26.8124, 23.5434,
29.2140

■ 29.5596, 28.0880,
33.0577

■ 32.6929, 33.3418,
37.2243

■ 36.2273, 39.3337,
41.7223

■ 40.1770, 46.0911,
46.5599

■ 44.5556, 53.6398,
51.7450

Harmonies

Analogous

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



17.2137, 11.7999, 30.3337



19.3441, 11.7999, 16.8808



18.9766, 11.7999, 7.4379

Triad

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



19.3441, 11.7999, 16.8808



9.1198, 11.7999, 1.8167



7.3187, 11.7999, 34.0427

Complementary

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



19.3441, 11.7999, 16.8808



17.2099, 27.7516, 18.0868

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.



5.9249, 11.7999, 20.3970



19.3441, 11.7999, 16.8808



6.8028, 11.7999, 3.8372

Square

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



19.3441, 11.7999, 16.8808



12.5470, 11.7999, 1.6241



5.7584, 11.7999, 9.5149



9.9816, 11.7999, 43.2004

Rectangle

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



19.3441, 11.7999, 16.8808



17.3827, 11.7999, 4.0335



5.7584, 11.7999, 9.5149



6.7125, 11.7999, 29.5742

Sweetspot

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



19.3444, 11.8005, 16.8810



51.3086, 47.0811, 56.7668



13.9293, 8.5998, 35.1084



11.2212, 10.0745, 12.3241



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



19.3444, 11.8005, 16.8810



32.3951, 17.6815, 24.4817



17.1928, 10.9399, 5.5508



7.2242, 7.1461, 8.1672



13.0967, 6.5947, 7.6998



0.2988, 0.1480, 0.2862

Inverse Universe

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



19.3444, 11.8005, 16.8810



32.3951, 17.6815, 24.4817



20.8228, 29.1968, 37.1122



7.2242, 7.1461, 8.1672



13.0967, 6.5947, 7.6998



0.2988, 0.1480, 0.2862

Previews

White Background



This preview shows how the XYZ color 19.3441, 11.7999, 16.8808 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

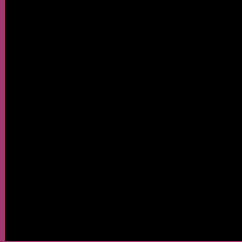
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 19.3441, 11.7999, 16.8808

Background



This preview shows how black text looks on a background with the XYZ color 19.3441, 11.7999, 16.8808.



This preview shows how white text looks on a background with the XYZ color 19.3441, 11.7999,

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

19.3441, 11.7999, 16.8808

Protanopia

12.4838, 12.0982, 26.4882

Deuteranopia

12.2255, 12.0707, 15.5954



Tritanopia

17.4426, 11.8402, 7.3273

Trichromacy



Original Color

19.3441, 11.7999, 16.8808

Protanomaly

13.7286, 11.0910, 22.5363

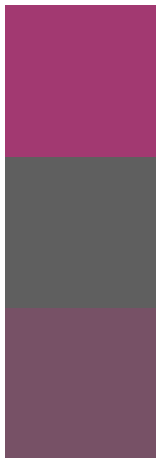
Deuteranomaly

14.0149, 11.2741, 15.9054

Tritanomaly

17.9544, 11.7005, 10.1162

Monochromacy



Original Color

19.3441, 11.7999, 16.8808

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

12.9485, 10.7661, 13.9660

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.3441, 11.7999, 16.8808 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(162, 57, 113)` looks like.

```
.text, #text, p{  
    color:rgb(162, 57, 113)  
}
```

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(162, 57, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 57, 113) }
```

Border

The CSS property to change the border of an element to XYZ 19.3441, 11.7999, 16.8808 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(162, 57, 113) }
```


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

```
.border{ border-color:rgb(162, 57, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 57, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 57, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 57, 113);  
box-shadow:4px 4px 4px 4px rgb(162, 57,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 19.3441, 11.7999, 16.8808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 57, 113) }
```

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

```
.background{ background-color: rgb(162, 57,  
113) }
```

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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