

Converting Colors

XYZ(17.9221, 11.9641, 12.9200)

Have a look what the booklet for
XYZ(17.9221, 11.9641, 12.9200)
contains.

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Color

**XYZ(17.9221, 11.9641,
12.9200)**

Conversions

Conversions Part 1

Format	Color
Hex	9C4362
RGB	156, 67, 98
RGB Percent	61%, 26%, 38%
CMY	0.3882, 0.7372, 0.6157
CMYK	0.00, 0.57, 0.37, 0.39
HSL	339°, 40%, 44%
HSV	339°, 57%, 61%
XYZ	17.9221, 11.9641, 12.9200
YIQ	97.1450, 43.0930, 28.5090

Conversions

Conversions Part 2

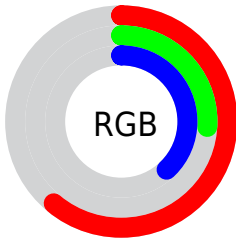
Format	Color
RYB	156, 67, 98
Decimal	10240866
CIELab	41.16, 40.34, 0.27
CIElCh	41, 40.343, 0.384
Yxy	11.9641, 0.4187, 0.2795
Android (android.graphics.Color)	4288430946 (0xFF9C4362)
YUV	97.1450, 0.4215, 51.6158
Hunter-Lab	34.5892, 31.9573, 2.0660

Details

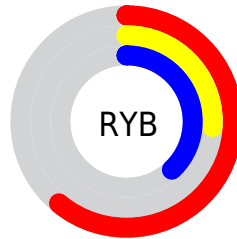
The XYZ color **17.9221, 11.9641, 12.9200** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **17.9056, 26.4513, 23.5655**, and the grayscale version is **11.3899, 11.9831, 13.0496**.

A 20% lighter version of the original color is **39.4622, 29.5097, 32.0498**, and **6.1181, 3.2776, 3.5590** is the 20% darker color. If you saturate the color by 10%, you get **16.6665, 10.1730, 10.2816**, and if you desaturate by 10%, it is **19.4892, 14.2805, 15.9633**.

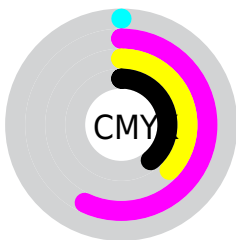
Distribution



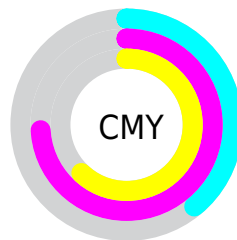
- Red (61%)
- Green (26%)
- Blue (38%)



- Red (61%)
- Yellow (26%)
- Blue (38%)



- Cyan (0%)
- Magenta (57%)
- Yellow (37%)
- Black (39%)





- Cyan (39%)
- Magenta (74%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.9221, 11.9641, 12.9200 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 17.9221, 11.9641, 12.9200 by changing the saturation by 10% instead.


 17.9221, 11.9641,
12.9200


 17.9221, 11.9641,
12.9200


233.4857,
204.1675, 221.5941


 10.9934, 6.7192,
7.2434


 39.4357, 29.4297,
31.8491


 6.1297, 3.2871,
3.5340


 54.7513, 42.4192,
45.9386


 2.9655, 1.2834,
1.3734

 73.5932, 58.7591,
63.6695

 1.1355, 0.1283,
0.1208

 96.3269, 78.8337,
85.4604

 0.0545, 0.0000,
0.0000

 123.3176,
103.0275, 111.7298

 0.0000, 0.0000,
0.0000

154.9307,

131.7248, 142.8962

191.5316,
165.3100, 179.3781

■ 17.9221, 11.9641,
12.9200

■ 17.9221, 11.9641,
12.9200

■ 16.6665, 10.1730,
10.2816

■ 19.4892, 14.2805,
15.9633

■ 15.6986, 8.8632,
8.0286

■ 21.3872, 17.1577,
19.4284

■ 14.9923, 7.9868,
6.1406

■ 23.6351, 20.6304,
23.3318

■ 14.5072, 7.4667,
4.5912

■ 26.2500, 24.7298,
27.6888

■ 14.3840, 7.3374,
4.1892

■ 29.2482, 29.4850,
32.5142

■ 32.6445, 34.9232,
37.8218

■ 36.4532, 41.0701,
43.6250

■ 40.6879, 47.9500,
49.9365

■ 45.3614, 55.5862,
56.7686

Harmonies

Analogous

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



16.9520, 11.9641, 22.6403



17.9221, 11.9641, 12.9200



16.9032, 11.9641, 6.4949

Triad

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



17.9221, 11.9641, 12.9200



8.7737, 11.9641, 3.5259



8.8283, 11.9641, 32.4719

Complementary

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



17.9221, 11.9641, 12.9200



17.9056, 26.4513, 23.5655

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.



7.2013, 11.9641, 22.9097



17.9221, 11.9641, 12.9200



7.1737, 11.9641, 6.6123

Square

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



17.9221, 11.9641, 12.9200



11.3341, 11.9641, 2.6842



6.6503, 11.9641, 13.1343



11.4090, 11.9641, 36.4672

Rectangle

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



17.9221, 11.9641, 12.9200



15.3183, 11.9641, 4.1807



6.6503, 11.9641, 13.1343



8.1685, 11.9641, 29.6457

Sweetspot

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



17.9224, 11.9647, 12.9202



47.5309, 44.6851, 50.0506



16.4441, 10.7641, 32.6635



10.2575, 9.5155, 10.6824



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



17.9224, 11.9647, 12.9202



29.8224, 17.8559, 17.6733



17.6183, 13.2626, 6.9424



6.7237, 6.6824, 7.3960



11.8631, 6.0498, 3.5302



0.2311, 0.1158, 0.1632

Inverse Universe

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



17.9224, 11.9647, 12.9202



29.8224, 17.8559, 17.6733



18.0860, 23.1341, 34.9646



6.7237, 6.6824, 7.3960



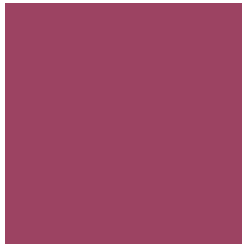
11.8631, 6.0498, 3.5302



0.2311, 0.1158, 0.1632

Previews

White Background



This preview shows how the XYZ color 17.9221, 11.9641, 12.9200 looks on a white background.

Color Contrast Check

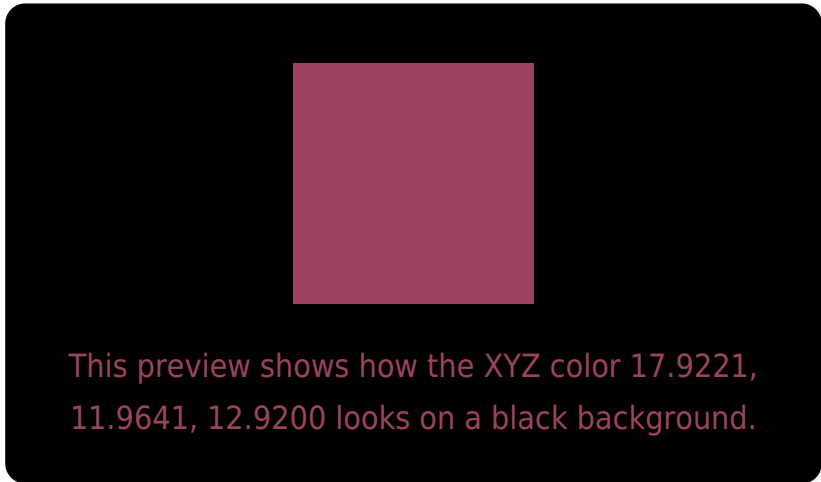
Large Text (above 18pt) WCAG AA ✓ Pass

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

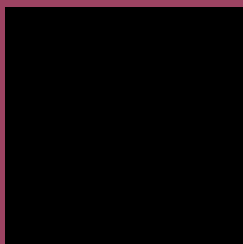
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.9221, 11.9641, 12.9200

Background



This preview shows how black text looks on a background with the XYZ color 17.9221, 11.9641, 12.9200.



This preview shows how white text looks on a background with the XYZ color 17.9221, 11.9641,

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

17.9221, 11.9641, 12.9200

Protanopia

12.0432, 12.1900, 18.2412

Deuteranopia

12.3298, 12.0648, 12.2686



Tritanopia

16.8842, 11.8983, 8.2442

Trichromacy



Original Color

17.9221, 11.9641, 12.9200

Protanomaly

13.4242, 11.5416, 15.9882

Deuteranomaly

13.8401, 11.6025, 12.3365

Tritanomaly

17.3080, 11.9890, 9.7894

Monochromacy



Original Color

17.9221, 11.9641, 12.9200

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

12.9567, 11.3702, 12.8210

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9221, 11.9641, 12.9200 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(156, 67, 98)` looks like.

```
.text, #text, p{  
    color:rgb(156, 67, 98)  
}
```

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(156, 67, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 67, 98) }
```

Border

The CSS property to change the border of an element to XYZ 17.9221, 11.9641, 12.9200 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(156, 67, 98) }
```


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

```
.border{ border-color:rgb(156, 67, 98) }
```

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

Here you see how a box with a 4 pixel rgb(156, 67, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 67, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 67, 98);  
box-shadow:4px 4px 4px 4px rgb(156, 67,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9221, 11.9641, 12.9200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 67, 98) }
```

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

```
.background{ background-color: rgb(156, 67,  
98) }
```

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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