

Converting Colors

XYZ(19.2239, 15.5172, 21.4488)

Have a look what the booklet for
XYZ(19.2239, 15.5172, 21.4488)
contains.

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Color

**XYZ(19.2955, 15.5944,
21.3951)**

Conversions

Conversions Part 1

Format	Color
Hex	905F7D
RGB	144, 95, 125
RGB Percent	56%, 37%, 49%
CMY	0.4353, 0.6274, 0.5098
CMYK	0.00, 0.34, 0.13, 0.44
HSL	323°, 21%, 47%
HSV	323°, 34%, 56%
XYZ	19.2955, 15.5944, 21.3951
YIQ	113.0710, 19.5740, 19.7180

Conversions

Conversions Part 2

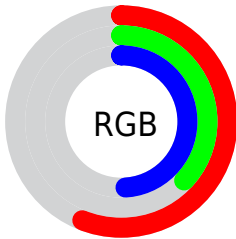
Format	Color
R_{YB}	144, 95, 125
Decimal	9461629
CIE Lab	46.44, 24.73, -8.62
CIE LCh	46, 26.193, 340.781
Yxy	15.5944, 0.3428, 0.2771
Android (android.graphics.Color)	4287651709 (0xFF905F7D)
YUV	113.0710, 5.8810, 27.1247
Hunter-Lab	39.4897, 18.1117, -4.4798

Details

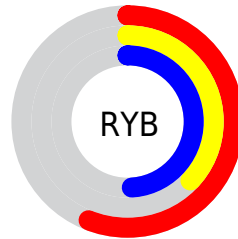
The XYZ color **19.2955, 15.5944, 21.3951** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **17.7305, 23.5948, 19.5404**, and the grayscale version is **15.6965, 16.5140, 17.9837**.

A 20% lighter version of the original color is **41.8680, 35.9142, 46.8449**, and **6.7347, 4.8301, 7.4148** is the 20% darker color. If you saturate the color by 10%, you get **17.7696, 13.0974, 19.1757**, and if you desaturate by 10%, it is **21.0822, 18.5804, 23.8007**.

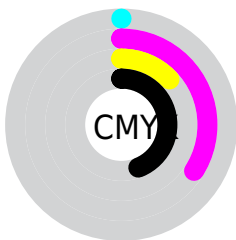
Distribution



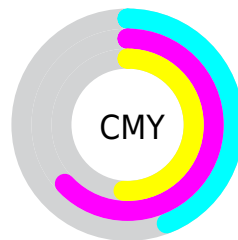
- Red (56%)
- Green (37%)
- Blue (49%)



- Red (56%)
- Yellow (37%)
- Blue (49%)



- Cyan (0%)
- Magenta (34%)
- Yellow (13%)
- Black (44%)



- Cyan (44%)
- Magenta (63%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.2955, 15.5944, 21.3951 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 19.2955, 15.5944, 21.3951 by changing the saturation by 10% instead.

■ 19.2955, 15.5944,
21.3951

■ 19.2955, 15.5944,
21.3951

240.9822,
226.9363, 272.2205

■ 11.9893, 9.2376,
13.2191

■ 41.7459, 35.8926,
46.6335

■ 6.8085, 4.8965,
7.4471

■ 57.6207, 50.6028,
64.5329

■ 3.3879, 2.1867,
3.6606

■ 77.0824, 68.8663,
86.5105

■ 1.3621, 0.7127,
1.4410

■ 100.4964, 91.0674,
112.9848

■ 0.2289, 0.0000,
0.1734

128.2280,
117.5906, 144.3745

■ 0.0000, 0.0000,
0.0000

160.6426,

148.8202, 181.0980

198.1056,
185.1406, 223.5738

■ 19.2955, 15.5944,
21.3951

■ 19.2955, 15.5944,
21.3951

■ 17.7696, 13.0974,
19.1757

■ 21.0822, 18.5804,
23.8007

■ 16.4896, 11.0607,
17.1355

■ 23.1407, 22.0779,
26.3973

■ 15.4410, 9.4558,
15.2682

■ 25.4834, 26.1104,
29.1907

■ 14.6073, 8.2503,
13.5665

■ 28.1212, 30.6995,
32.1860

■ 13.9696, 7.4068,
12.0224

■ 31.0644, 35.8655,
35.3882

■ 13.5049, 6.8800,
10.6264

■ 34.3230, 41.6277,
38.8020

■ 13.2698, 6.6366,
9.8490

■ 37.9063, 48.0044,
42.4319

■ 41.8235, 55.0133,
46.2825

■ 46.0832, 62.6713,
50.3578

Harmonies

Analogous

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



17.8322, 15.5944, 28.1999



19.2955, 15.5944, 21.3951



19.4927, 15.5944, 14.7653

Triad

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



19.2955, 15.5944, 21.3951



14.0272, 15.5944, 7.4826



11.7806, 15.5944, 26.4297

Complementary

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



19.2955, 15.5944, 21.3951



17.7305, 23.5948, 19.5404

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.



10.9642, 15.5944, 19.4051



19.2955, 15.5944, 21.3951



12.1712, 15.5944, 9.2176

Square

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



19.2955, 15.5944, 21.3951



16.2927, 15.5944, 7.7593



11.0996, 15.5944, 13.2178



13.4426, 15.5944, 31.5777

Rectangle

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



19.2955, 15.5944, 21.3951



18.8596, 15.5944, 11.3940



11.0996, 15.5944, 13.2178



11.4062, 15.5944, 24.1449

Sweetspot

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



19.2960, 15.5951, 21.3954



42.3329, 41.5437, 48.3991



16.0382, 13.7618, 28.1968



9.5912, 9.3265, 10.9585



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



19.2960, 15.5951, 21.3954



31.8914, 23.9919, 34.6492



17.9295, 15.0485, 14.1998



5.5388, 5.4761, 6.3355



11.5672, 5.7839, 8.6382



0.1214, 0.0596, 0.1396

Inverse Universe

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



19.2960, 15.5951, 21.3954



31.8914, 23.9919, 34.6492



19.3011, 24.2230, 27.8111



5.5388, 5.4761, 6.3355



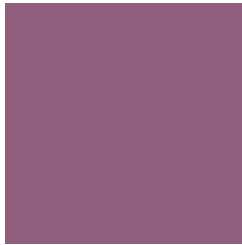
11.5672, 5.7839, 8.6382



0.1214, 0.0596, 0.1396

Previews

White Background



This preview shows how the XYZ color 19.2955, 15.5944, 21.3951 looks on a white background.

Color Contrast Check

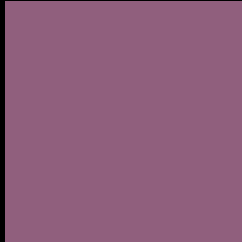
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 19.2955, 15.5944, 21.3951 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

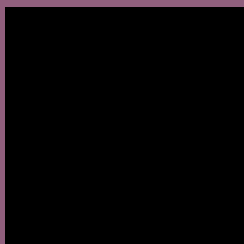
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 19.2955, 15.5944, 21.3951

Background



This preview shows how black text looks on a background with the XYZ color 19.2955, 15.5944, 21.3951.



This preview shows how white text looks on a background with the XYZ color 19.2955, 15.5944,

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

19.2955, 15.5944, 21.3951

Protanopia

15.6675, 15.6898, 25.1243

Deuteranopia

15.9031, 15.5903, 20.9099



Tritanopia

18.1245, 15.5268, 15.6774

Trichromacy



Original Color

19.2955, 15.5944, 21.3951

Protanomaly

16.6548, 15.4613, 23.5792

Deuteranomaly

17.0925, 15.5914, 21.1773

Tritanomaly

18.5830, 15.5813, 17.6508

Monochromacy



Original Color

19.2955, 15.5944, 21.3951

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

16.6771, 15.8775, 19.0153

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.2955, 15.5944, 21.3951 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(144, 95, 125)` looks like.

```
.text, #text, p{  
    color:rgb(144, 95, 125)  
}
```

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(144, 95, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 95, 125) }
```

Border

The CSS property to change the border of an element to XYZ 19.2955, 15.5944, 21.3951 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(144, 95, 125) }
```


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

```
.border{ border-color:rgb(144, 95, 125) }
```

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

Here you see how a box with a 4 pixel rgb(144, 95, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 95, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 95, 125);  
box-shadow:4px 4px 4px 4px rgb(144, 95,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 19.2955, 15.5944, 21.3951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 95, 125) }
```

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

```
.background{ background-color: rgb(144, 95,  
125) }
```

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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