

Converting Colors

XYZ(18.9563, 15.3105, 20.1413)

Have a look what the booklet for
XYZ(18.9563, 15.3105, 20.1413)
contains.

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Color

**XYZ(18.9555, 15.3152,
20.0462)**

Conversions

Conversions Part 1

Format	Color
Hex	905E79
RGB	144, 94, 121
RGB Percent	56%, 37%, 47%
CMY	0.4353, 0.6314, 0.5255
CMYK	0.00, 0.35, 0.16, 0.44
HSL	328°, 21%, 47%
HSV	328°, 35%, 56%
XYZ	18.9555, 15.3152, 20.0462
YIQ	112.0280, 21.1330, 18.9970

Conversions

Conversions Part 2

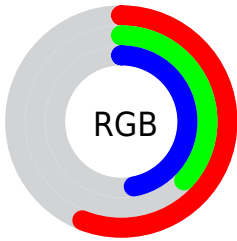
Format	Color
R_{YB}	144, 94, 121
Decimal	9461369
CIE Lab	46.06, 24.61, -6.77
CIE LCh	46, 25.527, 344.616
Yxy	15.3152, 0.3490, 0.2820
Android (android.graphics.Color)	4287651449 (0xFF905E79)
YUV	112.0280, 4.4232, 28.0394
Hunter-Lab	39.1346, 17.9738, -2.9763

Details

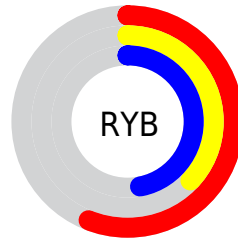
The XYZ color **18.9555, 15.3152, 20.0462** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **17.8009, 23.6110, 20.4499**, and the grayscale version is **15.3928, 16.1944, 17.6357**.

A 20% lighter version of the original color is **41.2214, 35.4100, 44.1974**, and **6.5998, 4.7762, 6.7049** is the 20% darker color. If you saturate the color by 10%, you get **17.4001, 12.8323, 17.5919**, and if you desaturate by 10%, it is **20.7786, 18.2885, 22.7278**.

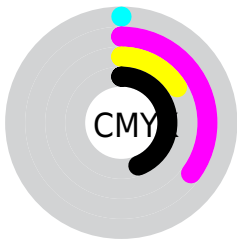
Distribution



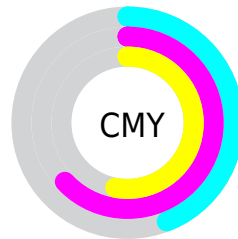
- Red (56%)
- Green (37%)
- Blue (47%)



- Red (56%)
- Yellow (37%)
- Blue (47%)



- Cyan (0%)
- Magenta (35%)
- Yellow (16%)
- Black (44%)



- Cyan (44%)
- Magenta (63%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.9555, 15.3152, 20.0462 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 18.9555, 15.3152, 20.0462 by changing the saturation by 10% instead.

■ 18.9555, 15.3152,
20.0462

■ 18.9555, 15.3152,
20.0462

239.1458,
225.2662, 264.7776

■ 11.7419, 9.0409,
12.2442

■ 41.1763, 35.4052,
44.3546

■ 6.6392, 4.7679,
6.7857

■ 56.9143, 49.9897,
61.6981

■ 3.2818, 2.1117,
3.2520

■ 76.2245, 68.1130,
83.0592

■ 1.3045, 0.6712,
1.2247

■ 99.4723, 90.1596,
108.8565

■ 0.1866, 0.0000,
0.0000

127.0229,
116.5138, 139.5084

■ 0.0000, 0.0000,
0.0000

159.2418,

147.5600, 175.4335

196.4943,
183.6827, 217.0504

■ 18.9555, 15.3152,
20.0462

■ 18.9555, 15.3152,
20.0462

■ 17.4001, 12.8323,
17.5919

■ 20.7786, 18.2885,
22.7278

■ 16.0973, 10.8108,
15.3564

■ 22.8808, 21.7748,
25.6426

■ 15.0322, 9.2219,
13.3324

■ 25.2747, 25.7980,
28.7975

■ 14.1879, 8.0329,
11.5111

■ 27.9714, 30.3797,
32.1988

■ 13.5451, 7.2059,
9.8831

■ 30.9816, 35.5404,
35.8526

■ 13.0790, 6.6923,
8.4370

■ 34.3154, 41.2995,
39.7644

■ 12.8681, 6.4759,
7.7337

■ 37.9824, 47.6756,
43.9400

■ 41.9919, 54.6864,
48.3847

■ 46.3527, 62.3488,
53.1037

Harmonies

Analogous

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



17.6840, 15.3152, 26.6951



18.9555, 15.3152, 20.0462



18.9727, 15.3152, 13.8417

Triad

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



18.9555, 15.3152, 20.0462



13.5302, 15.3152, 7.5881



11.7873, 15.3152, 26.5408

Complementary

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



18.9555, 15.3152, 20.0462



17.8009, 23.6110, 20.4499

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.



10.8852, 15.3152, 19.8722



18.9555, 15.3152, 20.0462



11.8216, 15.3152, 9.5414

Square

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



18.9555, 15.3152, 20.0462



15.6903, 15.3152, 7.6126



10.8971, 15.3152, 13.7058



13.4789, 15.3152, 31.0322

Rectangle

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



18.9555, 15.3152, 20.0462



18.2625, 15.3152, 10.7732



10.8971, 15.3152, 13.7058



11.3894, 15.3152, 24.4157

Sweetspot

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



18.9559, 15.3159, 20.0465



42.1975, 41.4895, 47.6864



16.3065, 13.7672, 28.1836



9.5566, 9.3127, 10.7762



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.



18.9559, 15.3159, 20.0465



31.1651, 23.3840, 31.8027



17.6393, 14.7893, 13.1132



5.5230, 5.4697, 6.2520



11.2177, 5.6441, 6.7975



0.1184, 0.0584, 0.1237

Inverse Universe

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



18.9559, 15.3159, 20.0465



31.1651, 23.3840, 31.8027



19.4349, 24.2646, 29.0543



5.5230, 5.4697, 6.2520



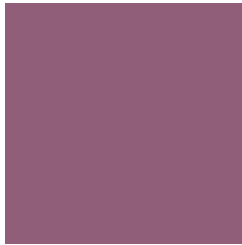
11.2177, 5.6441, 6.7975



0.1184, 0.0584, 0.1237

Previews

White Background



This preview shows how the XYZ color 18.9555, 15.3152, 20.0462 looks on a white background.

Color Contrast Check

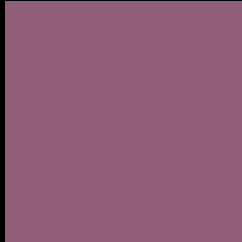
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.9555, 15.3152, 20.0462 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 18.9555, 15.3152, 20.0462

Background



This preview shows how black text looks on a background with the XYZ color 18.9555, 15.3152, 20.0462.



This preview shows how white text looks on a background with the XYZ color 18.9555, 15.3152,

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

18.9555, 15.3152, 20.0462

Protanopia

15.3236, 15.5522, 23.3133

Deuteranopia

15.6863, 15.3530, 19.5894



Tritanopia

17.9287, 15.2996, 15.1049

Trichromacy



Original Color

18.9555, 15.3152, 20.0462

Protanomaly

16.3888, 15.3549, 22.1787

Deuteranomaly

16.7457, 15.2944, 19.8388

Tritanomaly

18.3250, 15.3312, 16.7452

Monochromacy



Original Color

18.9555, 15.3152, 20.0462

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

16.4583, 15.6260, 18.3683

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.9555, 15.3152, 20.0462 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, 94, 121)` looks like.

```
.text, #text, p{  
  color:rgb(144, 94, 121)  
}
```

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, 94, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 94, 121) }
```

Border

The CSS property to change the border of an element to XYZ 18.9555, 15.3152, 20.0462 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, 94, 121) }
```


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

```
.border{ border-color:rgb(144, 94, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 94, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(144, 94, 121); -webkit-box-shadow:4px 4px 4px 4px rgb(144, 94, 121); box-shadow:4px 4px 4px 4px rgb(144, 94, 121) }
```

Background

The CSS property to change the background color of an element to XYZ 18.9555, 15.3152, 20.0462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 94, 121) }
```

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

```
.background{ background-color: rgb(144, 94,  
121) }
```

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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