

Converting Colors

XYZ(14.9185, 13.1578, 19.3669)

Have a look what the booklet for
XYZ(14.9185, 13.1578, 19.3669)
contains.

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Color

**XYZ(14.9123, 13.1067,
19.5132)**

Conversions

Conversions Part 1

Format	Color
Hex	775D78
RGB	119, 93, 120
RGB Percent	47%, 36%, 47%
CMY	0.5333, 0.6353, 0.5294
CMYK	0.01, 0.22, 0.00, 0.53
HSL	298°, 13%, 42%
HSV	298°, 22%, 47%
XYZ	14.9123, 13.1067, 19.5132
YIQ	103.8520, 6.8290, 13.9090

Conversions

Conversions Part 2

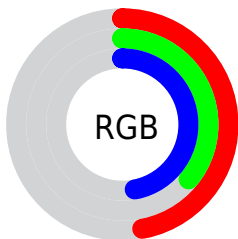
Format	Color
R_{YB}	119, 93, 120
Decimal	7822712
CIE _{Lab}	42.92, 15.69, -11.17
CIE _{LCh}	43, 19.261, 324.564
Yxy	13.1067, 0.3137, 0.2757
Android (android.graphics.Color)	4286012792 (0xFF775D78)
YUV	103.8520, 7.9610, 13.2848
Hunter-Lab	36.2032, 10.1696, -6.6146

Details

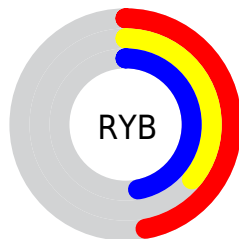
The XYZ color **14.9123, 13.1067, 19.5132** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **13.3088, 16.6033, 12.8598**, and the grayscale version is **13.0970, 13.7791, 15.0054**.

A 20% lighter version of the original color is **34.0634, 31.2814, 43.2723**, and **4.7120, 3.8030, 6.6166** is the 20% darker color. If you saturate the color by 10%, you get **13.8799, 11.1320, 19.1866**, and if you desaturate by 10%, it is **16.1111, 15.4133, 19.8954**.

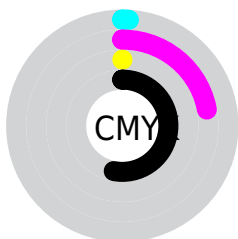
Distribution



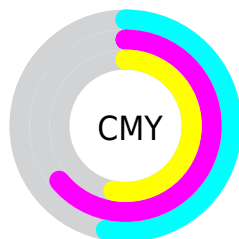
- Red (47%)
- Green (36%)
- Blue (47%)



- Red (47%)
- Yellow (36%)
- Blue (47%)



- Cyan (1%)
- Magenta (22%)
- Yellow (0%)
- Black (53%)



- Cyan (53%)
- Magenta (64%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.9123, 13.1067, 19.5132 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 14.9123, 13.1067, 19.5132 by changing the saturation by 10% instead.

■ 14.9123, 13.1067,
19.5132

■ 14.9123, 13.1067,
19.5132

216.2337,
211.6004, 261.7839

■ 8.8438, 7.5021,
11.8611

■ 34.2722, 31.4953,
43.4477

■ 4.6957, 3.7780,
6.5278

■ 48.2942, 45.0481,
60.5672

■ 2.1028, 1.5502,
3.0947

■ 65.6982, 62.0191,
81.6796

■ 0.6907, 0.3237,
1.1432

■ 86.8494, 82.7926,
107.2034

■ 0.0000, 0.0000,
0.0000

112.1132,
107.7531, 137.5573

141.8549,

137.2850, 173.1596

176.4400,
171.7726, 214.4290

■ 14.9123, 13.1067,
19.5132

■ 14.9123, 13.1067,
19.5132

■ 13.8799, 11.1320,
19.1866

■ 16.1111, 15.4133,
19.8954

■ 13.0050, 9.4721,
18.9124

■ 17.4823, 18.0645,
20.3349

■ 12.2797, 8.1110,
18.6879

■ 19.0330, 21.0743,
20.8341

■ 11.6950, 7.0305,
18.5101

■ 20.7696, 24.4556,
21.3952

■ 11.2407, 6.2106,
18.3758

■ 22.6983, 28.2206,
22.0203

■ 10.9056, 5.6286,
18.2811

■ 24.8248, 32.3807,
22.7112

■ 10.6760, 5.2571,
18.2215

■ 27.1547, 36.9473,
23.4698

■ 10.5341, 5.0389,
18.1869

■ 29.6934, 41.9309,
24.2980

■ 32.4459, 47.3418,
25.1973

Harmonies

Analogous

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



13.6733, 13.1067, 22.9992



14.9123, 13.1067, 19.5132



15.4973, 13.1067, 15.0537

Triad

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



14.9123, 13.1067, 19.5132



12.7279, 13.1067, 7.6198



10.0536, 13.1067, 17.9181

Complementary

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



14.9123, 13.1067, 19.5132



13.3088, 16.6033, 12.8598

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.



9.8438, 13.1067, 13.5158



14.9123, 13.1067, 19.5132



11.3161, 13.1067, 8.0886

Square

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



14.9123, 13.1067, 19.5132



14.1740, 13.1067, 8.6267



10.2881, 13.1067, 10.0633



10.8855, 13.1067, 21.9584

Rectangle

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



14.9123, 13.1067, 19.5132



15.4068, 13.1067, 12.3256



10.2881, 13.1067, 10.0633



9.9109, 13.1067, 16.4109

Sweetspot

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



14.9127, 13.1073, 19.5135



29.5822, 29.5157, 35.3910



11.9388, 11.7516, 19.4086



6.9868, 6.9488, 8.3797



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



14.9127, 13.1073, 19.5135



25.2551, 21.1883, 34.0117



14.3593, 12.9018, 15.8795



4.1405, 4.0703, 5.0106



11.4893, 5.4957, 19.8405



54.6403, 26.1301, 94.6335

Inverse Universe

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



13.6809, 12.6305, 12.3070



22.6909, 20.1971, 18.9542



13.7886, 16.7834, 15.9183



4.0038, 4.0172, 4.2175



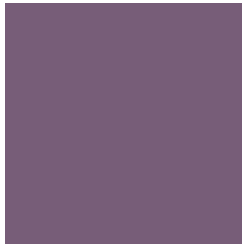
8.4755, 4.3663, 0.5289



40.3593, 20.8000, 2.1560

Previews

White Background



This preview shows how the XYZ color 14.9123, 13.1067, 19.5132 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 14.9123, 13.1067, 19.5132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

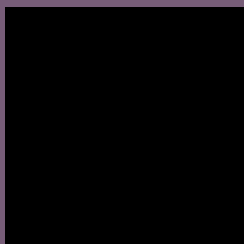
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.9123, 13.1067, 19.5132

Background



This preview shows how black text looks on a background with the XYZ color 14.9123, 13.1067, 19.5132.



This preview shows how white text looks on a background with the XYZ color 14.9123, 13.1067,

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

14.9123, 13.1067, 19.5132

Protanopia

13.1792, 13.2748, 21.2697

Deuteranopia

13.3851, 13.1392, 19.2834



Tritanopia

13.9672, 13.1269, 14.6296

Trichromacy



Original Color

14.9123, 13.1067, 19.5132

Protanomaly

13.6518, 13.1085, 20.5496

Deuteranomaly

13.9111, 13.1325, 19.2544

Tritanomaly

14.3237, 13.1401, 16.2493

Monochromacy



Original Color

14.9123, 13.1067, 19.5132

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

13.6783, 13.4913, 16.6350

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9123, 13.1067, 19.5132 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(119, 93, 120)` looks like.

```
.text, #text, p{  
    color:rgb(119, 93, 120)  
}
```

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(119, 93, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 93, 120) }
```

Border

The CSS property to change the border of an element to XYZ 14.9123, 13.1067, 19.5132 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(119, 93, 120) }
```


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

```
.border{ border-color:rgb(119, 93, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 93, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 93, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 93, 120);  
box-shadow:4px 4px 4px 4px rgb(119, 93,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 14.9123, 13.1067, 19.5132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 93, 120) }
```

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

```
.background{ background-color: rgb(119, 93,  
120) }
```

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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