

Converting Colors

XYZ(21.3213, 16.2413, 19.8323)

Have a look what the booklet for
XYZ(21.3213, 16.2413, 19.8323)
contains.

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Color

**XYZ(21.3179, 16.2795,
19.7880)**

Conversions

Conversions Part 1

Format	Color
Hex	9E5C78
RGB	158, 92, 120
RGB Percent	62%, 36%, 47%
CMY	0.3804, 0.6392, 0.5294
CMYK	0.00, 0.42, 0.24, 0.38
HSL	335°, 26%, 49%
HSV	335°, 42%, 62%
XYZ	21.3179, 16.2795, 19.7880
YIQ	114.9260, 30.3480, 22.7000

Conversions

Conversions Part 2

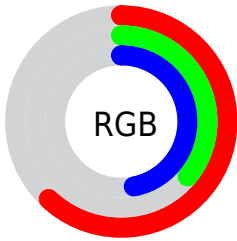
Format	Color
R_{YB}	158, 92, 120
Decimal	10378360
CIE _{Lab}	47.34, 30.78, -4.08
CIE _{LCh}	47, 31.045, 352.446
Yxy	16.2795, 0.3715, 0.2837
Android (android.graphics.Color)	4288568440 (0xFF9E5C78)
YUV	114.9260, 2.5015, 37.7759
Hunter-Lab	40.3479, 23.7022, -0.8344

Details

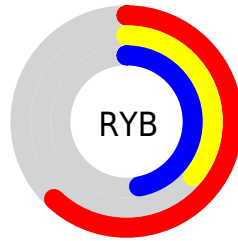
The XYZ color **21.3179, 16.2795, 19.7880** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **20.6705, 28.3412, 25.5015**, and the grayscale version is **16.2600, 17.1068, 18.6293**.

A 20% lighter version of the original color is **45.1512, 37.2212, 43.8344**, and **7.8961, 5.2725, 6.7324** is the 20% darker color. If you saturate the color by 10%, you get **19.5631, 13.6118, 16.6072**, and if you desaturate by 10%, it is **23.4116, 19.5407, 23.3409**.

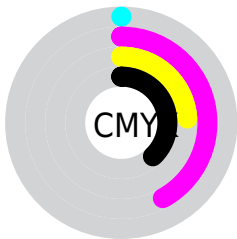
Distribution



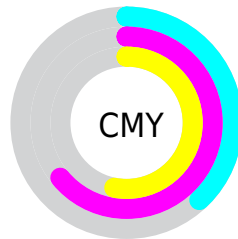
- Red (62%)
- Green (36%)
- Blue (47%)



- Red (62%)
- Yellow (36%)
- Blue (47%)



- Cyan (0%)
- Magenta (42%)
- Yellow (24%)
- Black (38%)





- Cyan (38%)
- Magenta (64%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.3179, 16.2795, 19.7880 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 21.3179, 16.2795, 19.7880 by changing the saturation by 10% instead.


 21.3179, 16.2795,
19.7880


 21.3179, 16.2795,
19.7880


251.6630,
230.9854, 263.3313


 13.4704, 9.7222,
12.0585


 45.1033, 37.0828,
43.9158


 7.8325, 5.2151,
6.6605


 61.7719, 52.0974,
61.1511

 4.0388, 2.3740,
3.1755

 82.1115, 70.7000,
82.3921

 1.7241, 0.8125,
1.1849

 106.4876, 93.2749,
108.0573

 0.4713, 0.0000,
0.0000

135.2654,
120.2065, 138.5653

 0.0000, 0.0000,
0.0000

168.8103,

151.8792, 174.3346

207.4878,
188.6774, 215.7837

■ 21.3179, 16.2795,
19.7880

■ 21.3179, 16.2795,
19.7880

■ 19.5631, 13.6118,
16.6072

■ 23.4116, 19.5407,
23.3409

■ 18.1264, 11.4988,
13.7840

■ 25.8604, 23.4262,
27.2778

■ 16.9869, 9.9010,
11.3041


■ 28.6814, 27.9675,
31.6111


■ 16.1202, 8.7723,
9.1514


■ 31.8899, 33.1935,
36.3524


■ 15.4980, 8.0585,
7.3082


■ 35.5005, 39.1311,
41.5127

 15.1145, 7.6747,
5.9990

 39.5267, 45.8058,
47.1025

 43.9819, 53.2419,
53.1320

 48.8783, 61.4626,
59.6111

 54.2280, 70.4899,
66.5492

Harmonies

Analogous

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



20.0465, 16.2795, 28.6283



21.3179, 16.2795, 19.7880



20.8825, 16.2795, 12.5574

Triad

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



21.3179, 16.2795, 19.7880



13.5440, 16.2795, 7.1032



12.4737, 16.2795, 32.6143

Complementary

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



21.3179, 16.2795, 19.7880



20.6705, 28.3412, 25.5015

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.



11.0894, 16.2795, 24.1469



21.3179, 16.2795, 19.7880



11.6544, 16.2795, 10.0159

Square

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



21.3179, 16.2795, 19.7880



16.1775, 16.2795, 6.5661



10.8082, 16.2795, 15.8117



14.7896, 16.2795, 37.3317

Rectangle

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



21.3179, 16.2795, 19.7880



19.7042, 16.2795, 9.3553



10.8082, 16.2795, 15.8117



11.8958, 16.2795, 30.0109

Sweetspot

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



21.3184, 16.2803, 19.7883



51.2808, 49.4871, 56.1909



19.1136, 14.8224, 34.2015



11.3099, 10.7511, 12.2861



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



21.3184, 16.2803, 19.7883



35.7574, 25.0652, 30.5924



20.2524, 16.4816, 12.2401



6.7440, 6.6905, 7.5029



12.1241, 6.1542, 4.9043



0.2375, 0.1183, 0.1967

Inverse Universe

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



21.3184, 16.2803, 19.7883



35.7574, 25.0652, 30.5924



22.0755, 27.7238, 36.5357



6.7440, 6.6905, 7.5029



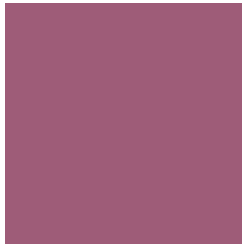
12.1241, 6.1542, 4.9043



0.2375, 0.1183, 0.1967

Previews

White Background



This preview shows how the XYZ color 21.3179, 16.2795, 19.7880 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 21.3179, 16.2795, 19.7880 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 21.3179, 16.2795, 19.7880

Background



This preview shows how black text looks on a background with the XYZ color 21.3179, 16.2795, 19.7880.



This preview shows how white text looks on a background with the XYZ color 21.3179, 16.2795,

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

21.3179, 16.2795, 19.7880

Protanopia

16.3345, 16.5330, 24.5206

Deuteranopia

16.7056, 16.3592, 19.1068



Tritanopia

20.2008, 16.2116, 14.6348

Trichromacy



Original Color

21.3179, 16.2795, 19.7880

Protanomaly

17.7003, 16.1737, 22.6110

Deuteranomaly

18.1119, 16.1594, 19.3040

Tritanomaly

20.6676, 16.2776, 16.5206

Monochromacy



Original Color

21.3179, 16.2795, 19.7880

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

17.8287, 16.6250, 19.0989

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.3179, 16.2795, 19.7880 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(158, 92, 120)` looks like.

```
.text, #text, p{  
    color:rgb(158, 92, 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(158, 92, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 92, 120) }
```

Border

The CSS property to change the border of an element to XYZ 21.3179, 16.2795, 19.7880 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(158, 92, 120) }
```


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

```
.border{ border-color:rgb(158, 92, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 92, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 92, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 92, 120);  
box-shadow:4px 4px 4px 4px rgb(158, 92,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 21.3179, 16.2795, 19.7880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 92, 120) }
```

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

```
.background{ background-color: rgb(158, 92,  
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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