

Converting Colors

XYZ(19.8911, 16.8873, 21.2800)

Have a look what the booklet for
XYZ(19.8911, 16.8873, 21.2800)
contains.

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Color

**XYZ(19.8911, 16.8873,
21.2800)**

Conversions

Conversions Part 1

Format	Color
Hex	90667C
RGB	144, 102, 124
RGB Percent	56%, 40%, 49%
CMY	0.4353, 0.6000, 0.5137
CMYK	0.00, 0.29, 0.14, 0.44
HSL	329°, 17%, 48%
HSV	329°, 29%, 56%
XYZ	19.8911, 16.8873, 21.2800
YIQ	117.0660, 17.9700, 15.7460

Conversions

Conversions Part 2

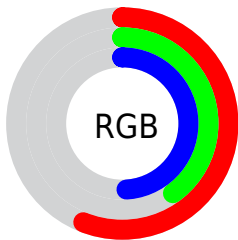
Format	Color
R_{YB}	144, 102, 124
Decimal	9463420
CIE Lab	48.12, 20.48, -5.52
CIE LCh	48, 21.215, 344.927
Yxy	16.8873, 0.3426, 0.2909
Android (android.graphics.Color)	4287653500 (0xFF90667C)
YUV	117.0660, 3.4185, 23.6211
Hunter-Lab	41.0942, 14.4859, -1.9365

Details

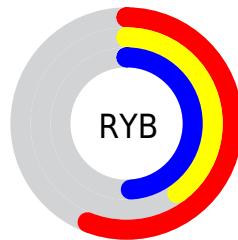
The XYZ color **19.8911, 16.8873, 21.2800** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.9663, 24.1770, 22.0805**, and the grayscale version is **16.9152, 17.7962, 19.3800**.

A 20% lighter version of the original color is **42.5164, 37.9228, 46.1533**, and **7.1034, 5.4735, 7.3387** is the 20% darker color. If you saturate the color by 10%, you get **18.1783, 14.1316, 18.6433**, and if you desaturate by 10%, it is **21.8809, 20.1483, 24.1582**.

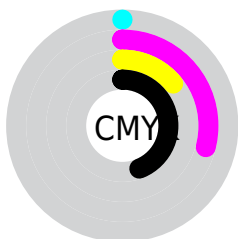
Distribution



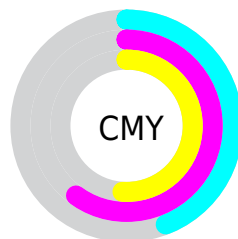
- Red (56%)
- Green (40%)
- Blue (49%)



- Red (56%)
- Yellow (40%)
- Blue (49%)



- Cyan (0%)
- Magenta (29%)
- Yellow (14%)
- Black (44%)



- Cyan (44%)
- Magenta (60%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.8911, 16.8873, 21.2800 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 19.8911, 16.8873, 21.2800 by changing the saturation by 10% instead.

■ 19.8911, 16.8873,
21.2800

■ 19.8911, 16.8873,
21.2800

244.1698,
234.5221, 271.5926

■ 12.4237, 10.1542,
13.1356

■ 42.7399, 38.1319,
46.4399

■ 7.1072, 5.5013,
7.3902

■ 58.8520, 53.4122,
64.2925

■ 3.5761, 2.5443,
3.6252

■ 78.5763, 72.3103,
86.2182

■ 1.4653, 0.8987,
1.4220

■ 102.2783, 95.2106,
112.6355

■ 0.3020, 0.0000,
0.1588

130.3233,
122.4975, 143.9631

■ 0.0000, 0.0000,
0.0000

163.0767,

154.5555, 180.6195

200.9037,
191.7689, 223.0231

■ 19.8911, 16.8873,
21.2800

■ 19.8911, 16.8873,
21.2800

■ 18.1783, 14.1316,
18.6433

■ 21.8809, 20.1483,
24.1582

■ 16.7277, 11.8532,
16.2397

■ 24.1586, 23.9361,
27.2839

■ 15.5253, 10.0250,
14.0616


■ 26.7363, 28.2737,
30.6643


■ 14.5552, 8.6160,
12.1004


■ 29.6250, 33.1823,
34.3056


■ 13.7993, 7.5914,
10.3468


■ 32.8350, 38.6816,
38.2140


 13.2369, 6.9106,
8.7905


 36.3763, 44.7906,
42.3955

 12.8192, 6.4772,
7.4116

 40.2582, 51.5275,
46.8558

 12.7863, 6.4432,
7.3027

 44.4900, 58.9095,
51.6004

 49.0802, 66.9533,
56.6347

Harmonies

Analogous

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



18.8053, 16.8873, 26.9469



19.8911, 16.8873, 21.2800



19.8939, 16.8873, 15.7932

Triad

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



19.8911, 16.8873, 21.2800



15.1175, 16.8873, 9.9381



13.5735, 16.8873, 26.9222

Complementary

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



19.8911, 16.8873, 21.2800



18.9663, 24.1770, 22.0805

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.



12.7376, 16.8873, 21.2512



19.8911, 16.8873, 21.2800



13.5795, 16.8873, 11.8647

Square

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



19.8911, 16.8873, 21.2800



17.0314, 16.8873, 9.9428



12.7397, 16.8873, 15.7696



15.1087, 16.8873, 30.6203

Rectangle

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



19.8911, 16.8873, 21.2800



19.2762, 16.8873, 12.9681



12.7397, 16.8873, 15.7696



13.2070, 16.8873, 25.1385

Sweetspot

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



19.8916, 16.8881, 21.2804



42.6011, 42.2028, 48.1105



17.7557, 15.6257, 28.4661



9.6405, 9.4626, 10.8595



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.



19.8916, 16.8881, 21.2804



33.0500, 26.5027, 34.4381



18.7219, 16.4202, 15.1211



5.5194, 5.4683, 6.2334



11.1464, 5.6156, 6.4221



0.1177, 0.0581, 0.1201

Inverse Universe

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



19.8916, 16.8881, 21.2804



33.0500, 26.5027, 34.4381



20.3810, 24.7428, 29.5300



5.5194, 5.4683, 6.2334



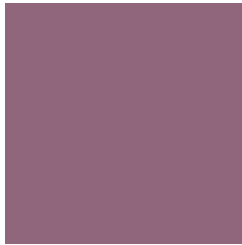
11.1464, 5.6156, 6.4221



0.1177, 0.0581, 0.1201

Previews

White Background



This preview shows how the XYZ color 19.8911, 16.8873, 21.2800 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 19.8911, 16.8873, 21.2800 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 19.8911, 16.8873, 21.2800

Background



This preview shows how black text looks on a background with the XYZ color 19.8911, 16.8873, 21.2800.



This preview shows how white text looks on a background with the XYZ color 19.8911, 16.8873,

21.2800.

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

19.8911, 16.8873, 21.2800

Protanopia

16.6696, 17.0528, 23.8857

Deuteranopia

17.2233, 16.9116, 20.7689



Tritanopia

19.2026, 16.9101, 17.5811

Trichromacy



Original Color

19.8911, 16.8873, 21.2800

Protanomaly

17.6406, 16.9213, 22.7585

Deuteranomaly

18.1436, 16.9010, 21.0448

Tritanomaly

19.3303, 16.8011, 18.7471

Monochromacy



Original Color

19.8911, 16.8873, 21.2800

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

17.9367, 17.4564, 20.1934

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.8911, 16.8873, 21.2800 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, 102, 124)` looks like.

```
.text, #text, p{  
    color:rgb(144, 102, 124)  
}
```

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, 102, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 102, 124) }
```

Border

The CSS property to change the border of an element to XYZ 19.8911, 16.8873, 21.2800 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, 102, 124) }
```


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

```
.border{ border-color:rgb(144, 102, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 102, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 102, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 102, 124);  
box-shadow:4px 4px 4px 4px rgb(144, 102,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 19.8911, 16.8873, 21.2800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 102, 124) }
```

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

```
.background{ background-color: rgb(144,  
102, 124) }
```

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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