

Converting Colors

XYZ(20.6866, 16.9179, 21.8568)

Have a look what the booklet for
XYZ(20.6866, 16.9179, 21.8568)
contains.

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Color

**XYZ(20.6222, 16.8196,
21.8983)**

Conversions

Conversions Part 1

Format	Color
Hex	95637E
RGB	149, 99, 126
RGB Percent	58%, 39%, 49%
CMY	0.4157, 0.6118, 0.5059
CMYK	0.00, 0.34, 0.15, 0.42
HSL	328°, 20%, 49%
HSV	328°, 34%, 58%
XYZ	20.6222, 16.8196, 21.8983
YIQ	117.0280, 21.1330, 18.9970

Conversions

Conversions Part 2

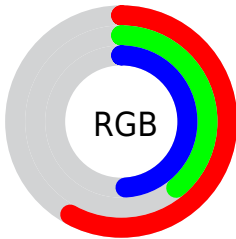
Format	Color
R_{YB}	149, 99, 126
Decimal	9790334
CIE Lab	48.03, 24.45, -6.78
CIE LCh	48, 25.370, 344.504
Yxy	16.8196, 0.3475, 0.2834
Android (android.graphics.Color)	4287980414 (0xFF95637E)
YUV	117.0280, 4.4232, 28.0394
Hunter-Lab	41.0117, 17.9859, -2.9498

Details

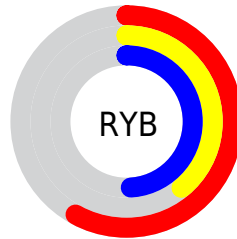
The XYZ color **20.6222, 16.8196, 21.8983** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **19.4066, 25.5532, 22.3230**, and the grayscale version is **16.8998, 17.7799, 19.3623**.

A 20% lighter version of the original color is **43.9449, 37.9047, 47.6480**, and **7.4531, 5.4449, 7.6793** is the 20% darker color. If you saturate the color by 10%, you get **18.9115, 14.0818, 19.2202**, and if you desaturate by 10%, it is **22.6247, 20.0920, 24.8236**.

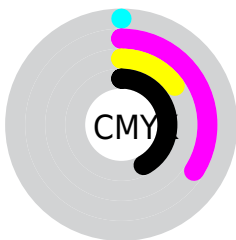
Distribution



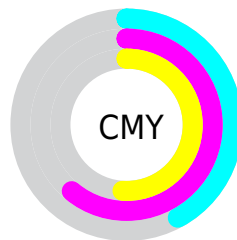
- Red (58%)
- Green (39%)
- Blue (49%)



- Red (58%)
- Yellow (39%)
- Blue (49%)



- Cyan (0%)
- Magenta (34%)
- Yellow (15%)
- Black (42%)



- Cyan (42%)
- Magenta (61%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.6222, 16.8196, 21.8983 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 20.6222, 16.8196, 21.8983 by changing the saturation by 10% instead.

■ 20.6222, 16.8196,
21.8983

■ 20.6222, 16.8196,
21.8983

248.0337,
234.1306, 274.9509

■ 12.9590, 10.1060,
13.5846

■ 43.9539, 38.0153,
47.4779

■ 7.4771, 5.4693,
7.6969

■ 60.3532, 53.2662,
65.5808

■ 3.8112, 2.5251,
3.8166

■ 80.3952, 72.1317,
87.7840

■ 1.5959, 0.8892,
1.5253

■ 104.4453, 94.9960,
114.5058

■ 0.3897, 0.0000,
0.2367

132.8689,
122.2437, 146.1648

■ 0.0000, 0.0000,
0.0000

166.0312,

154.2591, 183.1797

204.2977,
191.4266, 225.9688

■ 20.6222, 16.8196,
21.8983

■ 20.6222, 16.8196,
21.8983

■ 18.9115, 14.0818,
19.2202

■ 22.6247, 20.0920,
24.8236

■ 17.4761, 11.8473,
16.7803

■ 24.9312, 23.9234,
28.0025

■ 16.3003, 10.0852,
14.5703


■ 27.5553, 28.3395,
31.4425


■ 15.3656, 8.7602,
12.5812


■ 30.5091, 33.3637,
35.1503


■ 14.6516, 7.8318,
10.8026


■ 33.8040, 39.0181,
39.1326


 14.1335, 7.2520,
9.2230

 37.4511, 45.3237,
43.3954

 13.8595, 6.9756,
8.2941

 41.4606, 52.3006,
47.9449

 45.8426, 59.9679,
52.7868

 50.6068, 68.3440,
57.9267

Harmonies

Analogous

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



19.2801, 16.8196, 28.8748



20.6222, 16.8196, 21.8983



20.6456, 16.8196, 15.3302

Triad

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



20.6222, 16.8196, 21.8983



14.9077, 16.8196, 8.6082



13.0440, 16.8196, 28.6658

Complementary

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



20.6222, 16.8196, 21.8983



19.4066, 25.5532, 22.3230

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.



12.0871, 16.8196, 21.6612



20.6222, 16.8196, 21.8983



13.0912, 16.8196, 10.7042

Square

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



20.6222, 16.8196, 21.8983



17.1935, 16.8196, 8.6424



12.1035, 16.8196, 15.1433



14.8374, 16.8196, 33.3736

Rectangle

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



20.6222, 16.8196, 21.8983



19.9017, 16.8196, 12.0524



12.1035, 16.8196, 15.1433



12.6218, 16.8196, 26.4370

Sweetspot

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



20.6227, 16.8204, 21.8986



46.1589, 45.3754, 52.1606



17.8428, 15.1956, 30.4267



10.1013, 9.8407, 11.3896



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



20.6227, 16.8204, 21.8986



34.6581, 26.4717, 35.6933



19.2305, 16.2635, 14.5673



5.9239, 5.8646, 6.7052



11.6797, 5.8769, 7.0601



0.1579, 0.0779, 0.1649

Inverse Universe

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



20.6227, 16.8204, 21.8986



34.6581, 26.4717, 35.6933



21.1209, 26.2389, 31.3503



5.9239, 5.8646, 6.7052



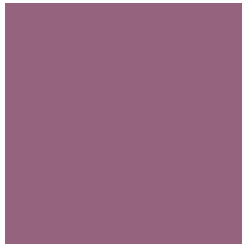
11.6797, 5.8769, 7.0601



0.1579, 0.0779, 0.1649

Previews

White Background



This preview shows how the XYZ color 20.6222, 16.8196, 21.8983 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 20.6222, 16.8196, 21.8983 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 20.6222, 16.8196, 21.8983

Background



This preview shows how black text looks on a background with the XYZ color 20.6222, 16.8196, 21.8983.



This preview shows how white text looks on a background with the XYZ color 20.6222, 16.8196,

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

20.6222, 16.8196, 21.8983

Protanopia

16.7087, 16.8745, 25.2981

Deuteranopia

17.2077, 16.8891, 21.4218



Tritanopia

19.5985, 16.8316, 16.9677

Trichromacy



Original Color

20.6222, 16.8196, 21.8983

Protanomaly

17.8396, 16.6762, 24.1084

Deuteranomaly

18.3194, 16.8214, 21.6833

Tritanomaly

20.0188, 16.8642, 18.7230

Monochromacy



Original Color

20.6222, 16.8196, 21.8983

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

18.0194, 17.1751, 20.1347

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.6222, 16.8196, 21.8983 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(149, 99, 126)` looks like.

```
.text, #text, p{  
    color:rgb(149, 99, 126)  
}
```

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(149, 99, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 99, 126) }
```

Border

The CSS property to change the border of an element to XYZ 20.6222, 16.8196, 21.8983 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(149, 99, 126) }
```


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

```
.border{ border-color:rgb(149, 99, 126) }
```

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

Here you see how a box with a 4 pixel rgb(149, 99, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 99, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 99, 126);  
box-shadow:4px 4px 4px 4px rgb(149, 99,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 20.6222, 16.8196, 21.8983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 99, 126) }
```

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

```
.background{ background-color: rgb(149, 99,  
126) }
```

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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