

Converting Colors

XYZ(21.0245, 16.0910, 20.2981)

Have a look what the booklet for
XYZ(21.0245, 16.0910, 20.2981)
contains.

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Color

**XYZ(21.0503, 16.1274,
20.4158)**

Conversions

Conversions Part 1

Format	Color
Hex	9C5C7A
RGB	156, 92, 122
RGB Percent	61%, 36%, 48%
CMY	0.3882, 0.6392, 0.5216
CMYK	0.00, 0.41, 0.22, 0.39
HSL	332°, 26%, 49%
HSV	332°, 41%, 61%
XYZ	21.0503, 16.1274, 20.4158
YIQ	114.5560, 28.5140, 22.8980

Conversions

Conversions Part 2

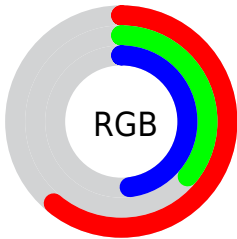
Format	Color
R_{YB}	156, 92, 122
Decimal	10247290
CIE _{Lab}	47.14, 30.35, -5.61
CIE _{LCh}	47, 30.866, 349.532
Yxy	16.1274, 0.3655, 0.2800
Android (android.graphics.Color)	4288437370 (0xFF9C5C7A)
YUV	114.5560, 3.6699, 36.3464
Hunter-Lab	40.1589, 23.2871, -2.0303

Details

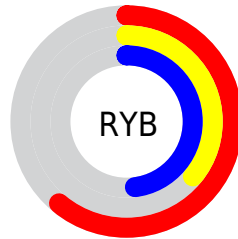
The XYZ color **21.0503, 16.1274, 20.4158** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **20.0687, 27.5590, 24.0017**, and the grayscale version is **16.1452, 16.9860, 18.4977**.

A 20% lighter version of the original color is **44.6138, 36.6980, 44.7764**, and **7.6968, 5.1660, 6.8948** is the 20% darker color. If you saturate the color by 10%, you get **19.3437, 13.5011, 17.4204**, and if you desaturate by 10%, it is **23.0800, 19.3293, 23.7353**.

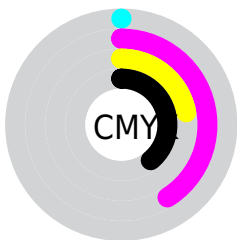
Distribution



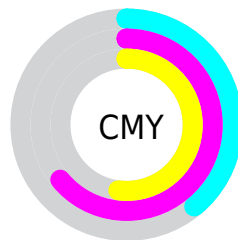
- Red (61%)
- Green (36%)
- Blue (48%)



- Red (61%)
- Yellow (36%)
- Blue (48%)



- Cyan (0%)
- Magenta (41%)
- Yellow (22%)
- Black (39%)



- Cyan (39%)
- Magenta (64%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.0503, 16.1274, 20.4158 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 21.0503, 16.1274, 20.4158 by changing the saturation by 10% instead.

■ 21.0503, 16.1274,
20.4158

■ 21.0503, 16.1274,
20.4158

250.2723,
230.0923, 266.8356

■ 13.2734, 9.6143,
12.5106

■ 44.6619, 36.8192,
44.9813

■ 7.6954, 5.1440,
6.9657

■ 61.2273, 51.7668,
62.4787

■ 3.9508, 2.3320,
3.3625

■ 81.4530, 70.2947,
84.0105

■ 1.6744, 0.7906,
1.2826

■ 105.7042, 92.7872,
109.9954

■ 0.4401, 0.0000,
0.0475

134.3465,
119.6289, 140.8517

■ 0.0000, 0.0000,
0.0000

167.7450,

151.2040, 176.9982

206.2652,
187.8970, 218.8533

■ 21.0503, 16.1274,
20.4158

■ 21.0503, 16.1274,
20.4158

■ 19.3437, 13.5011,
17.4204

■ 23.0800, 19.3293,
23.7353

■ 17.9404, 11.4133,
14.7368

■ 25.4480, 23.1364,
27.3887

■ 16.8206, 9.8260,
12.3528


■ 28.1705, 27.5790,
31.3866


■ 15.9615, 8.6953,
10.2551


■ 31.2620, 32.6846,
35.7386


■ 15.3362, 7.9696,
8.4285


■ 34.7363, 38.4793,
40.4540

 14.9169, 7.5506,
6.9955

 38.6064, 44.9875,
45.5418

 42.8846, 52.2326,
51.0104

 47.5828, 60.2370,
56.8681

 52.7124, 69.0218,
63.1230

Harmonies

Analogous

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



19.6484, 16.1274, 29.1471



21.0503, 16.1274, 20.4158



20.7878, 16.1274, 13.0247

Triad

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



21.0503, 16.1274, 20.4158



13.6502, 16.1274, 6.9098



12.1868, 16.1274, 31.5502

Complementary

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



21.0503, 16.1274, 20.4158



20.0687, 27.5590, 24.0017

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.



10.9201, 16.1274, 23.0421



21.0503, 16.1274, 20.4158



11.6935, 16.1274, 9.5405

Square

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



21.0503, 16.1274, 20.4158



16.2958, 16.1274, 6.5868



10.7508, 16.1274, 14.9838



14.4005, 16.1274, 36.7232

Rectangle

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



21.0503, 16.1274, 20.4158



19.7131, 16.1274, 9.6654



10.7508, 16.1274, 14.9838



11.6478, 16.1274, 28.8860

Sweetspot

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



21.0508, 16.1282, 20.4161



50.5297, 49.0477, 56.0909



18.2958, 14.4205, 33.2717



10.9853, 10.5739, 12.1492



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



21.0508, 16.1282, 20.4161



35.4334, 24.9770, 32.1863



19.5629, 15.6819, 12.1221



6.7560, 6.6953, 7.5660



12.3042, 6.2263, 5.8530



0.2412, 0.1198, 0.2163

Inverse Universe

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



21.0508, 16.1282, 20.4161



35.4334, 24.9770, 32.1863



22.1251, 28.0964, 35.7096



6.7560, 6.6953, 7.5660



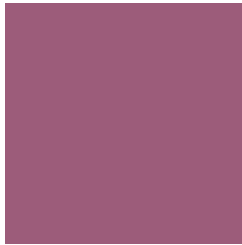
12.3042, 6.2263, 5.8530



0.2412, 0.1198, 0.2163

Previews

White Background



This preview shows how the XYZ color 21.0503, 16.1274, 20.4158 looks on a white background.

Color Contrast Check

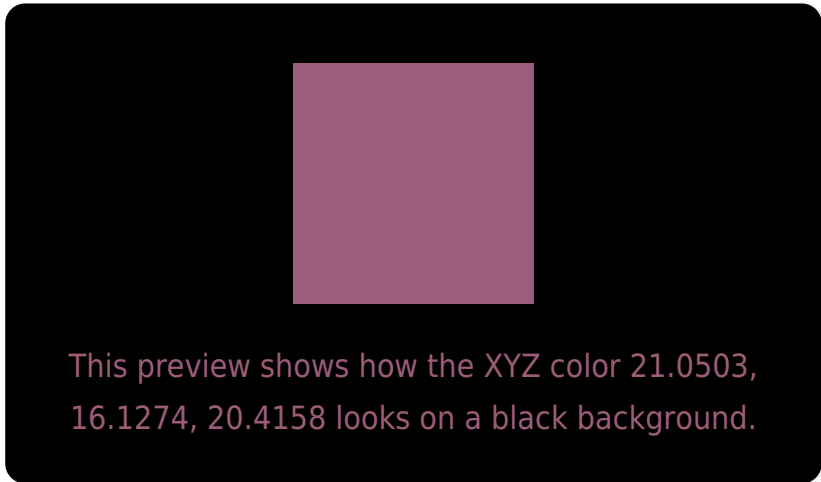
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 21.0503, 16.1274, 20.4158

Background



This preview shows how black text looks on a background with the XYZ color 21.0503, 16.1274, 20.4158.



This preview shows how white text looks on a background with the XYZ color 21.0503, 16.1274,

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

21.0503, 16.1274, 20.4158

Protanopia

16.0509, 16.2159, 24.8383

Deuteranopia

16.5441, 16.2623, 19.7197



Tritanopia

19.9575, 16.2150, 14.9099

Trichromacy



Original Color

21.0503, 16.1274, 20.4158

Protanomaly

17.4370, 15.8723, 23.2637

Deuteranomaly

17.9133, 16.0431, 19.9218

Tritanomaly

20.4243, 16.2788, 16.8175

Monochromacy



Original Color

21.0503, 16.1274, 20.4158

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

17.7336, 16.5692, 19.4031

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.0503, 16.1274, 20.4158 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(156, 92, 122)` looks like.

```
.text, #text, p{  
    color:rgb(156, 92, 122)  
}
```

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(156, 92, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 92, 122) }
```

Border

The CSS property to change the border of an element to XYZ 21.0503, 16.1274, 20.4158 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(156, 92, 122) }
```


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

```
.border{ border-color:rgb(156, 92, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 92, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 92, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 92, 122);  
box-shadow:4px 4px 4px 4px rgb(156, 92,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 21.0503, 16.1274, 20.4158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 92, 122) }
```

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

```
.background{ background-color: rgb(156, 92,  
122) }
```

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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