

Converting Colors

XYZ(21.4603, 19.5607, 22.3832)

Have a look what the booklet for
XYZ(21.4603, 19.5607, 22.3832)
contains.

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Color

**XYZ(21.4603, 19.5607,
22.3832)**

Conversions

Conversions Part 1

Format	Color
Hex	91727E
RGB	145, 114, 126
RGB Percent	57%, 45%, 49%
CMY	0.4314, 0.5529, 0.5059
CMYK	0.00, 0.21, 0.13, 0.43
HSL	337°, 12%, 51%
HSV	337°, 21%, 57%
XYZ	21.4603, 19.5607, 22.3832
YIQ	124.6370, 14.6240, 10.3040

Conversions

Conversions Part 2

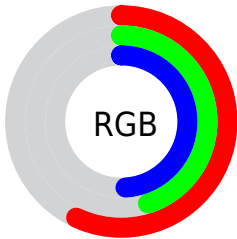
Format	Color
R_{YB}	145, 114, 126
Decimal	9532030
CIE _{Lab}	51.34, 14.22, -1.94
CIE _{LCh}	51, 14.350, 352.235
Yxy	19.5607, 0.3385, 0.3085
Android (android.graphics.Color)	4287722110 (0xFF91727E)
YUV	124.6370, 0.6720, 17.8584
Hunter-Lab	44.2275, 9.2147, 0.9530

Details

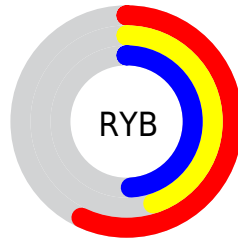
The XYZ color **21.4603, 19.5607, 22.3832** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.2993, 25.5223, 25.9952**, and the grayscale version is **19.3659, 20.3744, 22.1877**.

A 20% lighter version of the original color is **45.3261, 42.6692, 48.4949**, and **7.9039, 6.8119, 7.9194** is the 20% darker color. If you saturate the color by 10%, you get **19.4044, 16.3262, 18.9930**, and if you desaturate by 10%, it is **23.8276, 23.3360, 26.1291**.

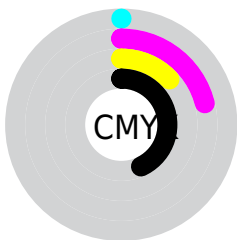
Distribution



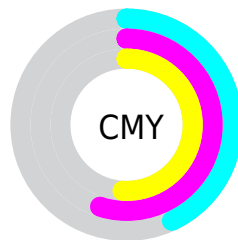
- Red (57%)
- Green (45%)
- Blue (49%)



- Red (57%)
- Yellow (45%)
- Blue (49%)



- Cyan (0%)
- Magenta (21%)
- Yellow (13%)
- Black (43%)



- Cyan (43%)
- Magenta (55%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.4603, 19.5607, 22.3832 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 21.4603, 19.5607, 22.3832 by changing the saturation by 10% instead.

■ 21.4603, 19.5607,
22.3832

■ 21.4603, 19.5607,
22.3832

252.4004,
249.5269, 277.5595

■ 13.5753, 12.0761,
13.9377

■ 45.3379, 42.6794,
48.2888

■ 7.9056, 6.7955,
7.9391

■ 62.0611, 59.0824,
66.5860

■ 4.0859, 3.3346,
3.9688

■ 82.4612, 79.2269,
89.0043

■ 1.7508, 1.3088,
1.6082

■ 106.9033,
103.4974, 115.9621

■ 0.4878, 0.1480,
0.2967

135.7530,
132.2782, 147.8779

■ 0.0000, 0.0000,
0.0000

169.3755,

165.9538, 185.1704

208.1361,
204.9086, 228.2581

■ 21.4603, 19.5607,
22.3832

■ 21.4603, 19.5607,
22.3832

■ 19.4044, 16.3262,
18.9930

■ 23.8276, 23.3360,
26.1291

■ 17.6447, 13.6048,
15.9463

■ 26.5172, 27.6726,
30.2399

■ 16.1673, 11.3707,
13.2317

■ 29.5417, 32.5934,
34.7260

■ 14.9562, 9.5943,
10.8371

■ 32.9123, 38.1190,
39.5972

■ 13.9940, 8.2432,
8.7490

■ 36.6399, 44.2692,
44.8626

■ 13.2610, 7.2805,
6.9531

■ 40.7347, 51.0629,
50.5312

■ 12.7342, 6.6629,
5.4335

■ 45.2066, 58.5179,
56.6115

■ 12.3940, 6.3066,
4.3211

■ 50.0651, 66.6517,
63.1120

■ 55.3194, 75.4808,
70.0408

Harmonies

Analogous

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



20.8582, 19.5607, 26.5104



21.4603, 19.5607, 22.3832



21.2631, 19.5607, 18.4473

Triad

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



21.4603, 19.5607, 22.3832



17.5677, 19.5607, 14.7923



16.9536, 19.5607, 28.1717

Complementary

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



21.4603, 19.5607, 22.3832



21.2993, 25.5223, 25.9952

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.



16.1543, 19.5607, 24.4289



21.4603, 19.5607, 22.3832



16.4959, 19.5607, 16.8184

Square

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



21.4603, 19.5607, 22.3832



18.9669, 19.5607, 14.3922



15.9911, 19.5607, 20.2490



18.2218, 19.5607, 30.1212

Rectangle

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



21.4603, 19.5607, 22.3832



20.7093, 19.5607, 16.4184



15.9911, 19.5607, 20.2490



16.6239, 19.5607, 27.0603

Sweetspot

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



21.4609, 19.5616, 22.3836



45.1276, 45.7418, 50.5767



20.7387, 19.0339, 29.3693



9.9793, 10.0793, 11.1599



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.



21.4609, 19.5616, 22.3836



36.4629, 31.9213, 36.8712



21.0880, 19.9814, 18.6659



5.4899, 5.4565, 6.0777



10.6427, 5.4141, 3.7696



0.1120, 0.0559, 0.0899

Inverse Universe

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



21.4609, 19.5616, 22.3836



36.4629, 31.9213, 36.8712



21.7091, 24.9386, 30.4579



5.4899, 5.4565, 6.0777



10.6427, 5.4141, 3.7696



0.1120, 0.0559, 0.0899

Previews

White Background



This preview shows how the XYZ color 21.4603, 19.5607, 22.3832 looks on a white background.

Color Contrast Check

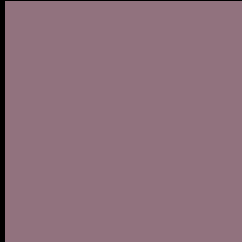
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 21.4603, 19.5607, 22.3832 looks on a black 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

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

XYZ 21.4603, 19.5607, 22.3832

Background



This preview shows how black text looks on a background with the XYZ color 21.4603, 19.5607, 22.3832.



This preview shows how white text looks on a background with the XYZ color 21.4603, 19.5607,

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

21.4603, 19.5607, 22.3832

Protanopia

19.0823, 19.6953, 24.2686

Deuteranopia

19.9714, 19.6609, 22.1444



Tritanopia

21.2695, 19.4844, 21.3787

Trichromacy



Original Color

21.4603, 19.5607, 22.3832

Protanomaly

19.7652, 19.5245, 23.4957

Deuteranomaly

20.3795, 19.5216, 22.0960

Tritanomaly

21.3325, 19.5096, 21.7102

Monochromacy



Original Color

21.4603, 19.5607, 22.3832

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

20.0548, 20.0609, 22.2172

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.4603, 19.5607, 22.3832 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(145, 114, 126)` looks like.

```
.text, #text, p{  
    color:rgb(145, 114, 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(145, 114, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 114, 126) }
```

Border

The CSS property to change the border of an element to XYZ 21.4603, 19.5607, 22.3832 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(145, 114, 126) }
```


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

```
.border{ border-color:rgb(145, 114, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 114, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 114, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 114, 126);  
box-shadow:4px 4px 4px 4px rgb(145, 114,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 21.4603, 19.5607, 22.3832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 114, 126) }
```

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

```
.background{ background-color: rgb(145,  
114, 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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