

Converting Colors

XYZ(23.0470, 18.9547, 21.8404)

Have a look what the booklet for
XYZ(23.0470, 18.9547, 21.8404)
contains.

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Color

**XYZ(23.0513, 18.9547,
21.8457)**

Conversions

Conversions Part 1

Format	Color
Hex	9F697D
RGB	159, 105, 125
RGB Percent	62%, 41%, 49%
CMY	0.3765, 0.5882, 0.5098
CMYK	0.00, 0.34, 0.21, 0.38
HSL	338°, 22%, 52%
HSV	338°, 34%, 62%
XYZ	23.0513, 18.9547, 21.8457
YIQ	123.4260, 25.7640, 17.6680

Conversions

Conversions Part 2

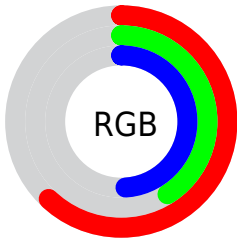
Format	Color
R_{YB}	159, 105, 125
Decimal	10447229
CIE _{Lab}	50.63, 24.59, -2.20
CIE _{LCh}	51, 24.691, 354.893
Yxy	18.9547, 0.3610, 0.2969
Android (android.graphics.Color)	4288637309 (0xFF9F697D)
YUV	123.4260, 0.7760, 31.1984
Hunter-Lab	43.5370, 18.3197, 0.7258

Details

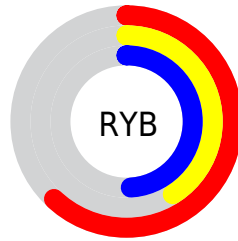
The XYZ color **23.0513, 18.9547, 21.8457** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.8848, 29.6641, 28.9471**, and the grayscale version is **18.9595, 19.9468, 21.7221**.

A 20% lighter version of the original color is **48.1172, 41.7754, 47.6469**, and **8.7115, 6.5122, 7.6353** is the 20% darker color. If you saturate the color by 10%, you get **20.9731, 15.7706, 18.1549**, and if you desaturate by 10%, it is **25.4979, 22.7720, 25.9778**.

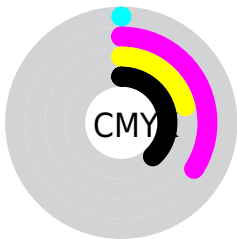
Distribution



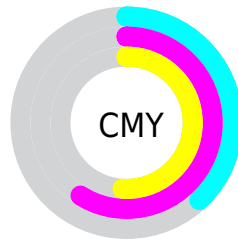
- Red (62%)
- Green (41%)
- Blue (49%)



- Red (62%)
- Yellow (41%)
- Blue (49%)



- Cyan (0%)
- Magenta (34%)
- Yellow (21%)
- Black (38%)





- Cyan (38%)
- Magenta (59%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 23.0513, 18.9547, 21.8457 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 23.0513, 18.9547, 21.8457 by changing the saturation by 10% instead.


 23.0513, 18.9547,
21.8457


 23.0513, 18.9547,
21.8457


260.5188,
246.1986, 274.6666


 14.7523, 11.6375,
13.5463


 47.9436, 41.6575,
47.3898


 8.7309, 6.4974,
7.6707


 65.2676, 57.8120,
65.4715

 4.6218, 3.1498,
3.8002

 86.3306, 77.6811,
87.6512

 2.0596, 1.2104,
1.5164

 111.4980,
101.6491, 114.3473

 0.6671, 0.0702,
0.2301

141.1352,
130.1004, 145.9783

 0.0000, 0.0000,
0.0000

175.6075,

163.4195, 182.9628

215.2802,
201.9908, 225.7194

■ 23.0513, 18.9547,
21.8457

■ 23.0513, 18.9547,
21.8457

■ 20.9731, 15.7706,
18.1549

■ 25.4979, 22.7720,
25.9778

■ 19.2427, 13.1823,
14.8887

■ 28.3287, 27.2517,
30.5648

■ 17.8403, 11.1529,
12.0307


■ 31.5604, 32.4244,
35.6212


■ 16.7430, 9.6401,
9.5630


■ 35.2084, 38.3181,
41.1604


■ 15.9247, 8.5952,
7.4659


■ 39.2872, 44.9592,
47.1953


 15.3545, 7.9603,
5.7177

 43.8106, 52.3727,
53.7381

 15.0846, 7.6855,
4.8102

 48.7917, 60.5826,
60.8007

 54.2431, 69.6115,
68.3947

 60.1770, 79.4816,
76.5312

Harmonies

Analogous

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



22.0905, 18.9547, 29.2760



23.0513, 18.9547, 21.8457



22.5677, 18.9547, 15.5287

Triad

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



23.0513, 18.9547, 21.8457



16.1300, 18.9547, 10.7683



15.4737, 18.9547, 33.5505

Complementary

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



23.0513, 18.9547, 21.8457



22.8848, 29.6641, 28.9471

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.



14.1214, 18.9547, 26.7616



23.0513, 18.9547, 21.8457



14.4759, 18.9547, 13.8927

Square

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



23.0513, 18.9547, 21.8457



18.4326, 18.9547, 10.0193



13.7730, 18.9547, 19.4765



17.6055, 18.9547, 36.9319

Rectangle

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



23.0513, 18.9547, 21.8457



21.5119, 18.9547, 12.5993



13.7730, 18.9547, 19.4765



14.9207, 18.9547, 31.5267

Sweetspot

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



23.0518, 18.9556, 21.8461



52.8298, 52.1488, 58.0523



21.8412, 18.0362, 35.1313



11.7419, 11.4876, 12.8224



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.



23.0518, 18.9556, 21.8461



38.3180, 29.3939, 33.8892



22.5658, 19.8262, 16.0031



6.7296, 6.6847, 7.4270



11.9330, 6.0778, 3.8984



0.2330, 0.1165, 0.1729

Inverse Universe

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



23.0518, 18.9556, 21.8461



38.3180, 29.3939, 33.8892



23.4265, 28.1914, 37.0079



6.7296, 6.6847, 7.4270



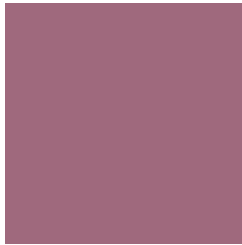
11.9330, 6.0778, 3.8984



0.2330, 0.1165, 0.1729

Previews

White Background



This preview shows how the XYZ color 23.0513, 18.9547, 21.8457 looks on a white background.

Color Contrast Check

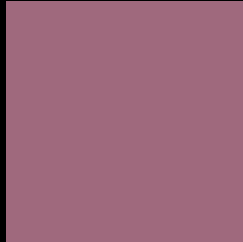
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.0513, 18.9547, 21.8457 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 23.0513, 18.9547, 21.8457

Background



This preview shows how black text looks on a background with the XYZ color 23.0513, 18.9547, 21.8457.



This preview shows how white text looks on a background with the XYZ color 23.0513, 18.9547,

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

23.0513, 18.9547, 21.8457

Protanopia

18.6273, 19.0761, 25.2545

Deuteranopia

19.4522, 19.0582, 21.3922



Tritanopia

22.4528, 19.0223, 18.7079

Trichromacy



Original Color

23.0513, 18.9547, 21.8457

Protanomaly

20.0590, 18.9685, 24.0768

Deuteranomaly

20.6985, 19.0163, 21.6484

Tritanomaly

22.5844, 18.9091, 19.9123

Monochromacy



Original Color

23.0513, 18.9547, 21.8457

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

20.0368, 19.1803, 21.7149

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.0513, 18.9547, 21.8457 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(159, 105, 125)` looks like.

```
.text, #text, p{  
    color:rgb(159, 105, 125)  
}
```

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(159, 105, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 105, 125) }
```

Border

The CSS property to change the border of an element to XYZ 23.0513, 18.9547, 21.8457 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(159, 105, 125) }
```


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

```
.border{ border-color:rgb(159, 105, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 105, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 105, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 105, 125);  
box-shadow:4px 4px 4px 4px rgb(159, 105,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 23.0513, 18.9547, 21.8457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 105, 125) }
```

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

```
.background{ background-color: rgb(159,  
105, 125) }
```

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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