

Converting Colors

XYZ(24.2373, 18.6211, 21.0459)

Have a look what the booklet for
XYZ(24.2373, 18.6211, 21.0459)
contains.

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Color

**XYZ(24.3050, 18.6004,
21.0481)**

Conversions

Conversions Part 1

Format	Color
Hex	A9627B
RGB	169, 98, 123
RGB Percent	66%, 38%, 48%
CMY	0.3373, 0.6157, 0.5176
CMYK	0.00, 0.42, 0.27, 0.34
HSL	339°, 29%, 52%
HSV	339°, 42%, 66%
XYZ	24.3050, 18.6004, 21.0481
YIQ	122.0790, 34.2910, 22.8270

Conversions

Conversions Part 2

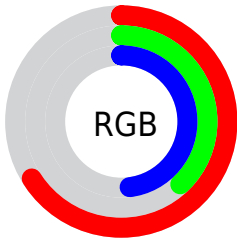
Format	Color
RYB	169, 98, 123
Decimal	11100795
CIELab	50.22, 31.95, -1.48
CIELCh	50, 31.981, 357.356
Yxy	18.6004, 0.3800, 0.2908
Android (android.graphics.Color)	4289290875 (0xFFA9627B)
YUV	122.0790, 0.4541, 41.1497
Hunter-Lab	43.1282, 25.1198, 1.2541

Details

The XYZ color **24.3050, 18.6004, 21.0481** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **24.2598, 32.9867, 31.4756**, and the grayscale version is **18.5156, 19.4799, 21.2136**.

A 20% lighter version of the original color is **50.0082, 41.0766, 45.8503**, and **9.4046, 6.3359, 7.2058** is the 20% darker color. If you saturate the color by 10%, you get **22.2399, 15.5064, 17.1649**, and if you desaturate by 10%, it is **26.7817, 22.3946, 25.4472**.

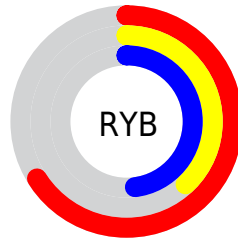
Distribution



Red (66%)

Green (38%)

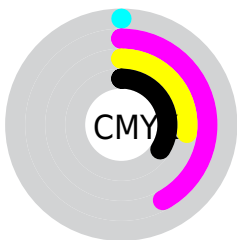
Blue (48%)



Red (66%)

Yellow (38%)

Blue (48%)

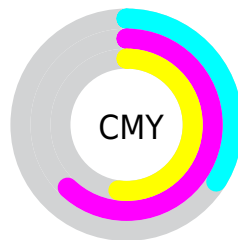


Cyan (0%)

Magenta (42%)

Yellow (27%)

Black (34%)



Cyan (34%)

Magenta (62%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.3050, 18.6004, 21.0481 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 24.3050, 18.6004, 21.0481 by changing the saturation by 10% instead.

■ 24.3050, 18.6004,
21.0481

■ 24.3050, 18.6004,
21.0481

266.7708,
244.2338, 270.3234

■ 15.6860, 11.3819,
12.9676

■ 49.9785, 41.0578,
46.0494

■ 9.3917, 6.3243,
7.2758

■ 67.7637, 57.0654,
63.8073

■ 5.0567, 3.0433,
3.5541

■ 89.3351, 76.7716,
85.6280

■ 2.3156, 1.1544,
1.3841

■ 115.0579,
100.5606, 111.9301

■ 0.8027, 0.0240,
0.1292

145.2975,
128.8170, 143.1322

■ 0.0000, 0.0000,
0.0000

180.4193,

161.9250, 179.6527

220.7886,
200.2692, 221.9103

■ 24.3050, 18.6004,
21.0481

■ 24.3050, 18.6004,
21.0481

■ 22.2399, 15.5064,
17.1649

■ 26.7817, 22.3946,
25.4472

■ 20.5611, 13.0665,
13.7763

■ 29.6902, 26.9258,
30.3802

■ 19.2429, 11.2332,
10.8606


■ 33.0511, 32.2318,
35.8654


■ 18.2554, 9.9516,
8.3943


■ 36.8832, 38.3465,
41.9200


■ 17.5638, 9.1564,
6.3508


■ 41.2045, 45.3023,
48.5604

 17.1647, 8.7560,
4.9916

 46.0316, 53.1294,
55.8023

 51.3806, 61.8567,
63.6606

 57.2668, 71.5118,
72.1500

 63.7048, 82.1211,
81.2843

Harmonies

Analogous

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



23.1703, 18.6004, 30.8909



24.3050, 18.6004, 21.0481



23.5002, 18.6004, 13.3953

Triad

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



24.3050, 18.6004, 21.0481



15.0865, 18.6004, 8.5851



14.6632, 18.6004, 38.2305

Complementary

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



24.3050, 18.6004, 21.0481



24.2598, 32.9867, 31.4756

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.



12.9087, 18.6004, 29.1235



24.3050, 18.6004, 21.0481



13.1323, 18.6004, 12.3891

Square

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



24.3050, 18.6004, 21.0481



17.9547, 18.6004, 7.5646



12.3822, 18.6004, 19.4775



17.4064, 18.6004, 42.4561

Rectangle

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



24.3050, 18.6004, 21.0481



22.0185, 18.6004, 10.1357



12.3822, 18.6004, 19.4775



13.9510, 18.6004, 35.5291

Sweetspot

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



24.3055, 18.6013, 21.0485



58.4115, 56.4861, 62.9769



22.8518, 17.4376, 39.6976



12.4413, 11.8525, 13.2575



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



24.3055, 18.6013, 21.0485



40.2076, 28.3293, 31.4721



23.8739, 19.9307, 14.1451



7.6361, 7.5843, 8.4010



12.8161, 6.5352, 3.8433



0.3360, 0.1687, 0.2211

Inverse Universe

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



24.3055, 18.6013, 21.0485



40.2076, 28.3293, 31.4721



24.6891, 30.4419, 42.1109



7.6361, 7.5843, 8.4010



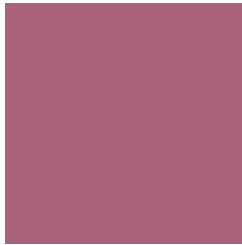
12.8161, 6.5352, 3.8433



0.3360, 0.1687, 0.2211

Previews

White Background



This preview shows how the XYZ color 24.3050, 18.6004, 21.0481 looks on a white background.

Color Contrast Check

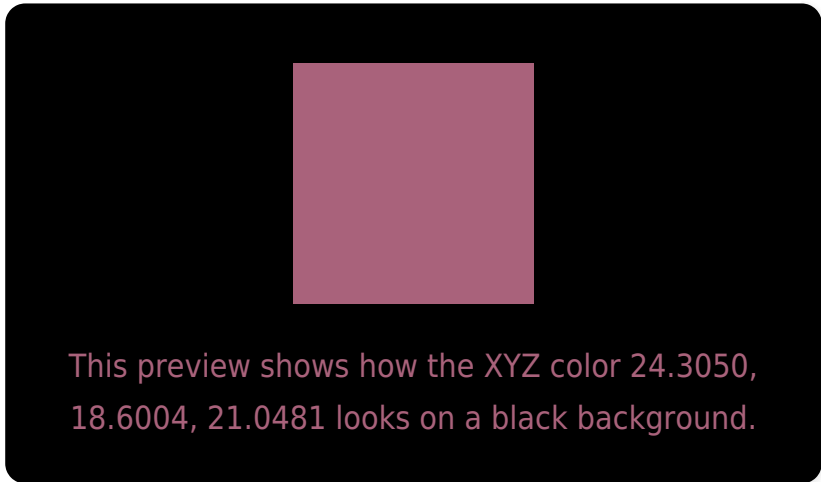
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

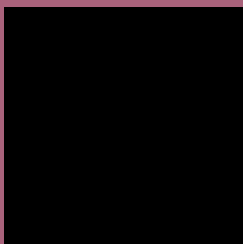
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.3050, 18.6004, 21.0481

Background



This preview shows how black text looks on a background with the XYZ color 24.3050, 18.6004, 21.0481.



This preview shows how white text looks on a background with the XYZ color 24.3050, 18.6004,

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

24.3050, 18.6004, 21.0481

Protanopia

18.3769, 18.7531, 25.9437

Deuteranopia

18.9956, 18.6721, 20.3722



Tritanopia

23.5089, 18.7149, 16.5606

Trichromacy



Original Color

24.3050, 18.6004, 21.0481

Protanomaly

19.9345, 18.2418, 23.9431

Deuteranomaly

20.5969, 18.3375, 20.5431

Tritanomaly

23.6863, 18.6314, 17.9706

Monochromacy



Original Color

24.3050, 18.6004, 21.0481

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

20.0654, 18.7044, 20.9651

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.3050, 18.6004, 21.0481 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(169, 98, 123)` looks like.

```
.text, #text, p{  
    color:rgb(169, 98, 123)  
}
```

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(169, 98, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 98, 123) }
```

Border

The CSS property to change the border of an element to XYZ 24.3050, 18.6004, 21.0481 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(169, 98, 123) }
```


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

```
.border{ border-color:rgb(169, 98, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 98, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 98, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 98, 123);  
box-shadow:4px 4px 4px 4px rgb(169, 98,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 24.3050, 18.6004, 21.0481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 98, 123) }
```

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

```
.background{ background-color: rgb(169, 98,  
123) }
```

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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