

Converting Colors

XYZ(24.1095, 20.2579, 19.4144)

Have a look what the booklet for
XYZ(24.1095, 20.2579, 19.4144)
contains.

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Color

**XYZ(24.0967, 20.3287,
19.4834)**

Conversions

Conversions Part 1

Format	Color
Hex	A46E75
RGB	164, 110, 117
RGB Percent	64%, 43%, 46%
CMY	0.3569, 0.5686, 0.5412
CMYK	0.00, 0.33, 0.29, 0.36
HSL	352°, 23%, 54%
HSV	352°, 33%, 64%
XYZ	24.0967, 20.3287, 19.4834
YIQ	126.9440, 29.9370, 13.6250

Conversions

Conversions Part 2

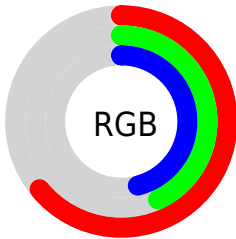
Format	Color
RYB	164, 110, 117
Decimal	10776181
CIELab	52.21, 22.46, 4.90
CIELCh	52, 22.986, 12.298
Yxy	20.3287, 0.3770, 0.3181
Android (android.graphics.Color)	4288966261 (0xFFA46E75)
YUV	126.9440, -4.9024, 32.4981
Hunter-Lab	45.0874, 16.4955, 5.9404

Details

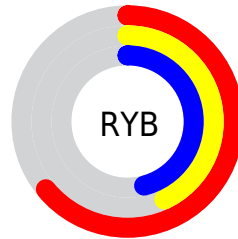
The XYZ color **24.0967, 20.3287, 19.4834** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **25.7926, 32.3008, 36.7753**, and the grayscale version is **20.1631, 21.2132, 23.1012**.

A 20% lighter version of the original color is **49.5970, 43.9209, 43.3996**, and **9.2985, 7.1467, 6.5196** is the 20% darker color. If you saturate the color by 10%, you get **21.7120, 16.8015, 14.8586**, and if you desaturate by 10%, it is **26.9380, 24.5640, 24.8924**.

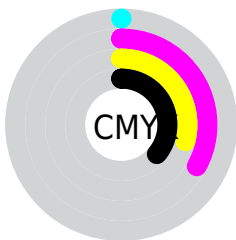
Distribution



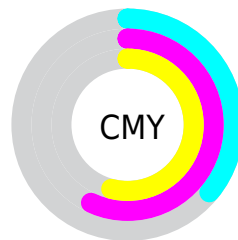
- Red (64%)
- Green (43%)
- Blue (46%)



- Red (64%)
- Yellow (43%)
- Blue (46%)



- Cyan (0%)
- Magenta (33%)
- Yellow (29%)
- Black (36%)



- Cyan (36%)
- Magenta (57%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.0967, 20.3287, 19.4834 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 24.0967, 20.3287, 19.4834 by changing the saturation by 10% instead.

■ 24.0967, 20.3287,
19.4834

■ 24.0967, 20.3287,
19.4834

265.7404,
253.6890, 261.6156

■ 15.5305, 12.6342,
11.8398

■ 49.6415, 43.9676,
43.3969

■ 9.2813, 7.1771,
6.5134

■ 67.3508, 60.6808,
60.5038

■ 4.9837, 3.5731,
3.0859

■ 88.8385, 81.1690,
81.6022

■ 2.2723, 1.4378,
1.1387

■ 114.4699,
105.8166, 107.1106

■ 0.7805, 0.2443,
0.0000

144.6105,
135.0080, 137.4477

■ 0.0000, 0.0000,
0.0000

179.6255,

169.1276, 173.0318

219.8804,
208.5598, 214.2816

■ 24.0967, 20.3287,
19.4834

■ 24.0967, 20.3287,
19.4834

■ 21.7120, 16.8015,
14.8586

■ 26.9380, 24.5640,
24.8924

■ 19.7583, 13.9410,
10.9802

■ 30.2565, 29.5401,
31.1184

■ 18.2102, 11.7059,
7.8094

■ 34.0732, 35.2911,
38.1938


■ 17.0388, 10.0494,
5.3029

■ 38.4076, 41.8482,
46.1491

■ 16.2111, 8.9176,
3.4131


■ 43.2782, 49.2408,
55.0129


 15.6887, 8.2468,
2.0856

 48.7024, 57.4969,
64.8130

 15.4477, 7.9477,
1.4416

 54.6970, 66.6432,
75.5755

 61.2780, 76.7051,
87.3258

 67.6241, 86.0342,
99.8094

Harmonies

Analogous

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



23.9688, 20.3287, 26.3202



24.0967, 20.3287, 19.4834



22.8715, 20.3287, 14.4982

Triad

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



24.0967, 20.3287, 19.4834



16.4295, 20.3287, 13.8554



17.9763, 20.3287, 36.9446

Complementary

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



24.0967, 20.3287, 19.4834



25.7926, 32.3008, 36.7753

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.



16.1598, 20.3287, 32.0689



24.0967, 20.3287, 19.4834



15.3180, 20.3287, 18.4179

Square

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



24.0967, 20.3287, 19.4834



18.3725, 20.3287, 11.7207



15.2235, 20.3287, 25.0158



20.3033, 20.3287, 37.3920

Rectangle

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



24.0967, 20.3287, 19.4834



21.5061, 20.3287, 12.5169



15.2235, 20.3287, 25.0158



17.2907, 20.3287, 35.7296

Sweetspot

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



24.0973, 20.3297, 19.4838



56.7246, 56.3343, 59.8436



26.1431, 20.9812, 37.7941



12.2076, 12.0245, 12.7230



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



24.0973, 20.3297, 19.4838



40.2830, 31.7829, 28.6767



26.0811, 24.9313, 18.1906



7.1094, 7.1002, 7.5625



11.8550, 6.0980, 1.1609



0.2593, 0.1322, 0.0783

Inverse Universe

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



24.0973, 20.3297, 19.4838



40.2830, 31.7829, 28.6767



23.1357, 26.0033, 38.9220



7.1094, 7.1002, 7.5625



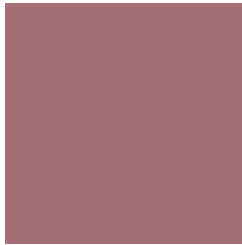
11.8550, 6.0980, 1.1609



0.2593, 0.1322, 0.0783

Previews

White Background



This preview shows how the XYZ color 24.0967, 20.3287, 19.4834 looks on a white background.

Color Contrast Check

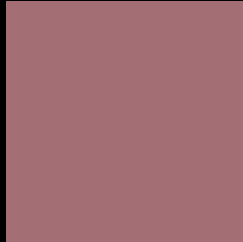
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.0967, 20.3287, 19.4834 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 24.0967, 20.3287, 19.4834

Background



This preview shows how black text looks on a background with the XYZ color 24.0967, 20.3287, 19.4834.



This preview shows how white text looks on a background with the XYZ color 24.0967, 20.3287,

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

24.0967, 20.3287, 19.4834

Protanopia

19.6617, 20.4080, 22.3049

Deuteranopia

20.7955, 20.3335, 19.0484



Tritanopia

24.1558, 20.3524, 19.7948

Trichromacy



Original Color

24.0967, 20.3287, 19.4834

Protanomaly

20.9249, 20.1742, 21.2035

Deuteranomaly

21.7922, 20.1413, 19.2621

Tritanomaly

24.1558, 20.3524, 19.7948

Monochromacy



Original Color

24.0967, 20.3287, 19.4834

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

21.2277, 20.6803, 21.6118

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.0967, 20.3287, 19.4834 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(164, 110, 117)` looks like.

```
.text, #text, p{  
    color:rgb(164, 110, 117)  
}
```

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(164, 110, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 110, 117) }
```

Border

The CSS property to change the border of an element to XYZ 24.0967, 20.3287, 19.4834 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(164, 110, 117) }
```


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

```
.border{ border-color:rgb(164, 110, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 110, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 110, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 110, 117);  
box-shadow:4px 4px 4px 4px rgb(164, 110,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 24.0967, 20.3287, 19.4834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 110, 117) }
```

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

```
.background{ background-color: rgb(164,  
110, 117) }
```

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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