

Converting Colors

XYZ(25.0145, 20.3125, 16.0842)

Have a look what the booklet for
XYZ(25.0145, 20.3125, 16.0842)
contains.

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Color

**XYZ(24.9374, 20.2122,
15.9516)**

Conversions

Conversions Part 1

Format	Color
Hex	AD6A69
RGB	173, 106, 105
RGB Percent	68%, 42%, 41%
CMY	0.3216, 0.5843, 0.5882
CMYK	0.00, 0.39, 0.39, 0.32
HSL	1°, 29%, 55%
HSV	1°, 39%, 68%
XYZ	24.9374, 20.2122, 15.9516
YIQ	125.9190, 40.2530, 13.8930

Conversions

Conversions Part 2

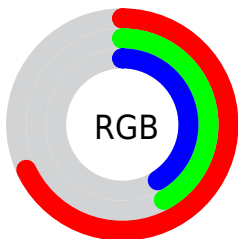
Format	Color
R_{YB}	173, 106, 105
Decimal	11364969
CIE _{Lab}	52.08, 26.66, 11.94
CIE _{LCh}	52, 29.211, 24.126
Yxy	20.2122, 0.4081, 0.3308
Android (android.graphics.Color)	4289555049 (0xFFAD6A69)
YUV	125.9190, -10.3131, 41.2900
Hunter-Lab	44.9580, 20.3343, 10.4338

Details

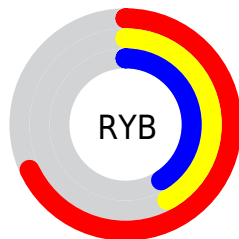
The XYZ color **24.9374, 20.2122, 15.9516** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **28.1204, 35.5240, 44.9099**, and the grayscale version is **19.8285, 20.8611, 22.7178**.

A 20% lighter version of the original color is **50.8607, 43.6770, 37.2023**, and **9.6981, 7.0833, 4.8591** is the 20% darker color. If you saturate the color by 10%, you get **22.5517, 16.7220, 11.2067**, and if you desaturate by 10%, it is **27.8542, 24.4750, 21.7663**.

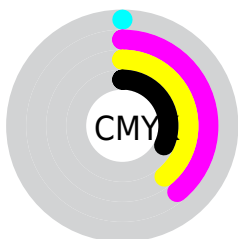
Distribution



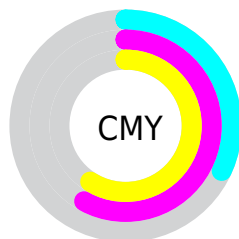
- Red (68%)
- Green (42%)
- Blue (41%)



- Red (68%)
- Yellow (42%)
- Blue (41%)



- Cyan (0%)
- Magenta (39%)
- Yellow (39%)
- Black (32%)




- Cyan (32%)
- Magenta (58%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.9374, 20.2122, 15.9516 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 24.9374, 20.2122, 15.9516 by changing the saturation by 10% instead.


 24.9374, 20.2122,
15.9516


 24.9374, 20.2122,
15.9516


269.8794,
253.0616, 240.8919


 16.1589, 12.5494,
9.3359


 50.9993, 43.7727,
37.2798

 9.7282, 7.1190,
4.8611

 69.0134, 60.4391,
52.8294

 5.2800, 3.5366,
2.1087

 90.8367, 80.8756,
72.1940

 2.4489, 1.4179,
0.6209

 116.8346,
105.4664, 95.7922

 0.8696, 0.2299,
0.0000

147.3725,
134.5960, 124.0426

 0.0000, 0.0000,
0.0000

182.8157,

168.6488, 157.3636

223.5296,
208.0092, 196.1739

■ 24.9374, 20.2122,
15.9516

■ 24.9374, 20.2122,
15.9516

■ 22.5517, 16.7220,
11.2067

■ 27.8542, 24.4750,
21.7663

■ 20.6637, 13.9553,
7.4655

■ 31.3296, 29.5495,
28.7093

■ 19.2386, 11.8623,
4.6560


■ 35.3913, 35.4760,
36.8361


■ 18.2365, 10.3855,
2.6966


■ 40.0646, 42.2910,
46.1985

■ 17.6111, 9.4579,
1.4913

■ 45.3733, 50.0289,
56.8448


 17.2807, 8.9680,
0.8547

 51.3399, 58.7225,
68.8210

 17.2613, 8.9397,
0.8158

 57.9858, 68.4027,
82.1709

 65.3317, 79.0992,
96.9360

 71.0436, 87.6242,
107.7765

Harmonies

Analogous

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



25.5021, 20.2122, 23.7326



24.9374, 20.2122, 15.9516



22.7732, 20.2122, 11.1979

Triad

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



24.9374, 20.2122, 15.9516



14.9270, 20.2122, 13.7148



18.6298, 20.2122, 42.7330

Complementary

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



24.9374, 20.2122, 15.9516



28.1204, 35.5240, 44.9099

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.



16.0413, 20.2122, 38.1874



24.9374, 20.2122, 15.9516



14.0504, 20.2122, 20.3684

Square

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



24.9374, 20.2122, 15.9516



16.9602, 20.2122, 10.1598



14.4362, 20.2122, 29.4301



21.6529, 20.2122, 40.6677

Rectangle

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



24.9374, 20.2122, 15.9516



20.8235, 20.2122, 9.6845



14.4362, 20.2122, 29.4301



17.6841, 20.2122, 41.8975

Sweetspot

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



24.9379, 20.2132, 15.9520



61.1611, 60.2927, 61.5214



29.8280, 22.0047, 42.2104



13.0908, 12.8099, 12.9681



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



24.9379, 20.2132, 15.9520



40.9657, 30.7924, 21.2158



29.0161, 28.3695, 17.3114



8.0144, 8.0336, 8.3416



12.6848, 6.5750, 0.6005



0.3559, 0.1889, 0.0177

Inverse Universe

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



28.1204, 35.5240, 44.9099



47.4531, 62.0122, 80.2743



22.6013, 24.4858, 43.0701



8.2261, 9.0515, 10.2662



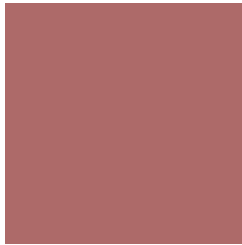
16.1672, 23.4683, 32.7222



0.4529, 0.6591, 0.9113

Previews

White Background



This preview shows how the XYZ color 24.9374, 20.2122, 15.9516 looks on a white background.

Color Contrast Check

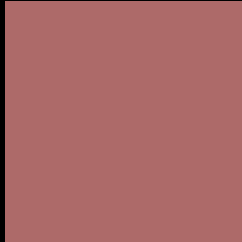
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.9374, 20.2122, 15.9516 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

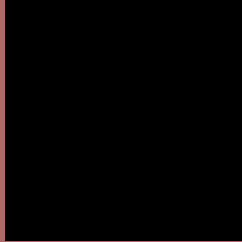
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.9374, 20.2122, 15.9516

Background



This preview shows how black text looks on a background with the XYZ color 24.9374, 20.2122, 15.9516.



This preview shows how white text looks on a background with the XYZ color 24.9374, 20.2122,

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

24.9374, 20.2122, 15.9516

Protanopia

19.2982, 20.2973, 18.8202

Deuteranopia

20.6663, 20.3415, 15.6690



Tritanopia

25.4878, 20.2941, 18.1966

Trichromacy



Original Color

24.9374, 20.2122, 15.9516

Protanomaly

20.9076, 19.8900, 17.7761

Deuteranomaly

22.1470, 20.2295, 15.8341

Tritanomaly

25.3216, 20.2276, 17.3216

Monochromacy



Original Color

24.9374, 20.2122, 15.9516

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

21.1945, 20.3413, 19.9487

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9374, 20.2122, 15.9516 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(173, 106, 105)` looks like.

```
.text, #text, p{  
    color:rgb(173, 106, 105)  
}
```

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(173, 106, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 106, 105) }
```

Border

The CSS property to change the border of an element to XYZ 24.9374, 20.2122, 15.9516 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(173, 106, 105) }
```


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

```
.border{ border-color:rgb(173, 106, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 106, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 106, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 106, 105);  
box-shadow:4px 4px 4px 4px rgb(173, 106,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 24.9374, 20.2122, 15.9516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 106, 105) }
```

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

```
.background{ background-color: rgb(173,  
106, 105) }
```

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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