

Converting Colors

XYZ(24.7832, 23.4073, 20.3596)

Have a look what the booklet for
XYZ(24.7832, 23.4073, 20.3596)
contains.

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Color

**XYZ(24.8314, 23.4988,
20.3665)**

Conversions

Conversions Part 1

Format	Color
Hex	9E7E76
RGB	158, 126, 118
RGB Percent	62%, 49%, 46%
CMY	0.3804, 0.5059, 0.5373
CMYK	0.00, 0.20, 0.25, 0.38
HSL	12°, 17%, 54%
HSV	12°, 25%, 62%
XYZ	24.8314, 23.4988, 20.3665
YIQ	134.6560, 21.6400, 4.2960

Conversions

Conversions Part 2

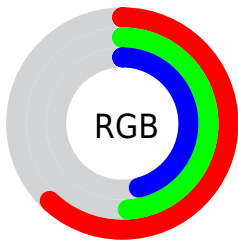
Format	Color
RYB	158, 128, 118
Decimal	10387062
CIELab	55.58, 11.09, 9.04
CIElCh	56, 14.308, 39.174
Yxy	23.4988, 0.3615, 0.3421
Android (android.graphics.Color)	4288577142 (0xFF9E7E76)
YUV	134.6560, -8.2114, 20.4727
Hunter-Lab	48.4756, 6.6036, 9.0228

Details

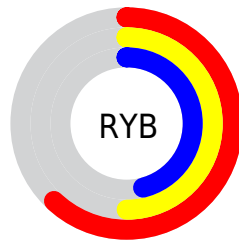
The XYZ color **24.8314, 23.4988, 20.3665** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **24.5488, 28.1320, 36.4840**, and the grayscale version is **22.9260, 24.1200, 26.2667**.

A 20% lighter version of the original color is **50.8164, 49.2886, 44.8656**, and **9.7032, 8.8141, 6.9842** is the 20% darker color. If you saturate the color by 10%, you get **22.4548, 20.1243, 15.3236**, and if you desaturate by 10%, it is **27.5708, 27.3468, 26.3069**.

Distribution



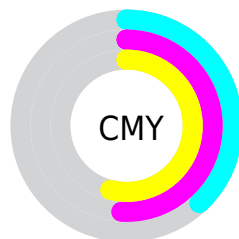
- Red (62%)
- Green (49%)
- Blue (46%)



- Red (62%)
- Yellow (50%)
- Blue (46%)



- Cyan (0%)
- Magenta (20%)
- Yellow (25%)
- Black (38%)



- Cyan (38%)
- Magenta (51%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.8314, 23.4988, 20.3665 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 24.8314, 23.4988, 20.3665 by changing the saturation by 10% instead.

■ 24.8314, 23.4988,
20.3665

■ 24.8314, 23.4988,
20.3665

269.3604,
270.2767, 266.5619

■ 16.0795, 14.9622,
12.4750

■ 50.8284, 49.2111,
44.8978

■ 9.6717, 8.7929,
6.9416

■ 68.8043, 67.1556,
62.3747

■ 5.2424, 4.6063,
3.3477

■ 90.5856, 89.0049,
83.8839

■ 2.4264, 2.0182,
1.2748

116.5377,
115.1433, 109.8438

■ 0.8583, 0.6180,
0.0410

147.0258,
145.9553, 140.6730

■ 0.0000, 0.0000,
0.0000

182.4154,

181.8253, 176.7901

223.0718,
223.1376, 218.6135

■ 24.8314, 23.4988,
20.3665

■ 24.8314, 23.4988,
20.3665

■ 22.4548, 20.1243,
15.3236

■ 27.5708, 27.3468,
26.3069

■ 20.4237, 17.2018,
11.1329

■ 30.6855, 31.6822,
33.1840

■ 18.7221, 14.7128,
7.7474

■ 34.1899, 36.5228,
41.0366

■ 17.3321, 12.6363,
5.1150

■ 38.0969, 41.8839,
49.9008

■ 16.2338, 10.9496,
3.1774

■ 42.4189, 47.7807,
59.8109

■ 15.4052, 9.6277,
1.8676

■ 47.1678, 54.2275,
70.7995

■ 14.8194, 8.6419,
1.0995

■ 52.3548, 61.2381,
82.8978

■ 14.6067, 8.2814,
0.8286

■ 57.9910, 68.8258,
96.1359

■ 63.2380, 76.6639,
106.0724

Harmonies

Analogous

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



25.5450, 23.4988, 24.1935



24.8314, 23.4988, 20.3665



23.4579, 23.4988, 18.1373

Triad

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



24.8314, 23.4988, 20.3665



19.5547, 23.4988, 22.5509



22.8340, 23.4988, 35.4152

Complementary

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



24.8314, 23.4988, 20.3665



24.5488, 28.1320, 36.4840

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.



21.2483, 23.4988, 34.8377



24.8314, 23.4988, 20.3665



19.4057, 23.4988, 27.0314

Square

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



24.8314, 23.4988, 20.3665



20.4290, 23.4988, 19.2889



20.0116, 23.4988, 31.6292



24.3558, 23.4988, 33.1236

Rectangle

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



24.8314, 23.4988, 20.3665



22.3797, 23.4988, 17.6797



20.0116, 23.4988, 31.6292



22.2901, 23.4988, 35.5556

Sweetspot

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



24.8320, 23.4999, 20.3670



54.0471, 55.2065, 56.5374



26.0842, 22.4282, 31.8086



11.9976, 12.1858, 12.3318



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.



24.8320, 23.4999, 20.3670



42.7395, 39.3404, 31.9614



27.6496, 29.1351, 21.3062



6.7352, 6.8504, 6.9529



11.7220, 6.6797, 0.6715



0.2352, 0.1705, 0.0205

Inverse Universe

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



24.5488, 28.1320, 36.4840



42.1372, 49.1164, 66.0030



21.6256, 22.2857, 35.5096



6.7091, 7.2839, 8.4590



10.9859, 14.0634, 28.0427



0.2228, 0.3041, 0.5102

Previews

White Background



This preview shows how the XYZ color 24.8314, 23.4988, 20.3665 looks on a white background.

Color Contrast Check

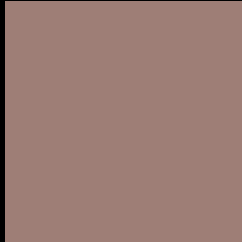
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.8314, 23.4988, 20.3665 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 24.8314, 23.4988, 20.3665

Background



This preview shows how black text looks on a background with the XYZ color 24.8314, 23.4988, 20.3665.



This preview shows how white text looks on a background with the XYZ color 24.8314, 23.4988,

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

24.8314, 23.4988, 20.3665

Protanopia

22.3816, 23.5835, 21.7848

Deuteranopia

23.9381, 23.4217, 20.3987



Tritanopia

25.9385, 23.5823, 25.3750

Trichromacy



Original Color

24.8314, 23.4988, 20.3665

Protanomaly

23.1109, 23.3655, 21.3811

Deuteranomaly

24.1858, 23.3568, 20.3731

Tritanomaly

25.5280, 23.5967, 23.6312

Monochromacy



Original Color

24.8314, 23.4988, 20.3665

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.5414, 23.9271, 24.1465

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.8314, 23.4988, 20.3665 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(158, 126, 118)` looks like.

```
.text, #text, p{  
    color:rgb(158, 126, 118)  
}
```

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(158, 126, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 126, 118) }
```

Border

The CSS property to change the border of an element to XYZ 24.8314, 23.4988, 20.3665 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(158, 126, 118) }
```


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

```
.border{ border-color:rgb(158, 126, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 126, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 126, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 126, 118);  
box-shadow:4px 4px 4px 4px rgb(158, 126,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 24.8314, 23.4988, 20.3665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 126, 118) }
```

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

```
.background{ background-color: rgb(158,  
126, 118) }
```

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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