

Converting Colors

XYZ(24.3718, 22.3632, 18.9516)

Have a look what the booklet for
XYZ(24.3718, 22.3632, 18.9516)
contains.

XYZ(24.3718, 22.3632, 18.9516)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(24.3718, 22.3632,
18.9516)**

Conversions

Conversions Part 1

Format	Color
Hex	A07972
RGB	160, 121, 114
RGB Percent	63%, 47%, 45%
CMY	0.3725, 0.5255, 0.5529
CMYK	0.00, 0.24, 0.29, 0.37
HSL	9°, 19%, 54%
HSV	9°, 29%, 63%
XYZ	24.3718, 22.3632, 18.9516
YIQ	131.8630, 25.4910, 6.0910

Conversions

Conversions Part 2

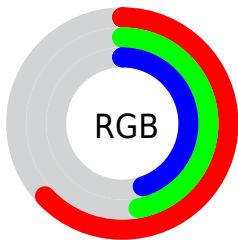
Format	Color
R_{YB}	160, 122, 114
Decimal	10516850
CIE _{Lab}	54.41, 14.16, 9.73
CIE _{LCh}	54, 17.181, 34.493
Yxy	22.3632, 0.3710, 0.3405
Android (android.graphics.Color)	4288706930 (0xFFA07972)
YUV	131.8630, -8.8065, 24.6761
Hunter-Lab	47.2897, 9.2368, 9.3421

Details

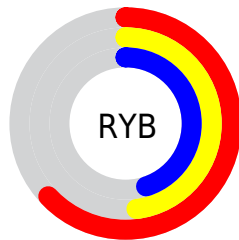
The XYZ color **24.3718, 22.3632, 18.9516** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **24.6755, 28.8970, 37.5349**, and the grayscale version is **21.9075, 23.0484, 25.0997**.

A 20% lighter version of the original color is **50.1454, 47.2392, 42.5515**, and **9.3641, 8.1539, 6.2346** is the 20% darker color. If you saturate the color by 10%, you get **22.0055, 18.9628, 14.0559**, and if you desaturate by 10%, it is **27.1304, 26.2930, 24.7646**.

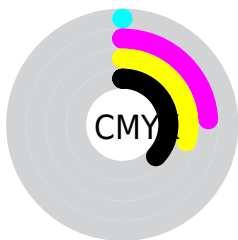
Distribution



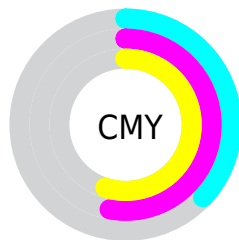
- Red (63%)
- Green (47%)
- Blue (45%)



- Red (63%)
- Yellow (48%)
- Blue (45%)



- Cyan (0%)
- Magenta (24%)
- Yellow (29%)
- Black (37%)




- Cyan (37%)
- Magenta (53%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.3718, 22.3632, 18.9516 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 24.3718, 22.3632, 18.9516 by changing the saturation by 10% instead.

 24.3718, 22.3632,
18.9516


 24.3718, 22.3632,
18.9516


267.1005,
264.4372, 258.5953


 15.7359, 14.1240,
11.4589


 50.0865, 47.3456,
42.4879


 9.4271, 8.2070,
6.2583


 67.8960, 64.8575,
59.3685

 5.0801, 4.2277,
2.9315


 89.4941, 86.2292,
80.2156

 2.3296, 1.8017,
1.0597

 115.2461,
111.8450, 105.4475

 0.8097, 0.4882,
0.0000

145.5174,
142.0893, 135.4829

 0.0000, 0.0000,
0.0000

180.6733,

177.3465, 170.7403

221.0793,
218.0010, 211.6382

■ 24.3718, 22.3632,
18.9516

■ 24.3718, 22.3632,
18.9516

■ 22.0055, 18.9628,
14.0559

■ 27.1304, 26.2930,
24.7646

■ 20.0119, 16.0661,
10.0292

■ 30.2963, 30.7703,
31.5370

■ 18.3721, 13.6500,
6.8208

■ 33.8858, 35.8161,
39.3101

■ 17.0651, 11.6882,
4.3743

■ 37.9139, 41.4494,
48.1223

■ 16.0674, 10.1521,
2.6261

■ 42.3948, 47.6884,
58.0099

■ 15.3524, 9.0093,
1.5021

■ 47.3421, 54.5505,
69.0075

■ 14.8788, 8.2192,
0.8597

■ 52.7686, 62.0522,
81.1483

■ 14.8313, 8.1418,
0.7898

■ 58.6869, 70.2096,
94.4639

■ 64.6221, 78.8433,
106.4201

Harmonies

Analogous

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



25.0613, 22.3632, 23.5487



24.3718, 22.3632, 18.9516



22.8482, 22.3632, 16.1599

Triad

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



24.3718, 22.3632, 18.9516



18.1611, 22.3632, 20.1636



21.5396, 22.3632, 36.1791

Complementary

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



24.3718, 22.3632, 18.9516



24.6755, 28.8970, 37.5349

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.



19.7387, 22.3632, 34.9233



24.3718, 22.3632, 18.9516



17.8560, 22.3632, 25.1687

Square

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



24.3718, 22.3632, 18.9516



19.2760, 22.3632, 16.7841



18.4169, 22.3632, 30.6864



23.3661, 22.3632, 33.9033

Rectangle

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



24.3718, 22.3632, 18.9516



21.6038, 22.3632, 15.4405



18.4169, 22.3632, 30.6864



20.9110, 22.3632, 36.1584

Sweetspot

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



24.3724, 22.3642, 18.9521



54.7501, 55.5045, 56.7042



26.2727, 21.8117, 33.0057



11.8252, 11.9158, 12.0441



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.



24.3724, 22.3642, 18.9521



41.6312, 36.8461, 28.9648



27.4927, 28.6049, 19.9922



6.7106, 6.8011, 6.9447



11.5751, 6.3857, 0.6225



0.2272, 0.1547, 0.0179

Inverse Universe

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



24.6755, 28.8970, 37.5349



42.2606, 50.5268, 67.9118



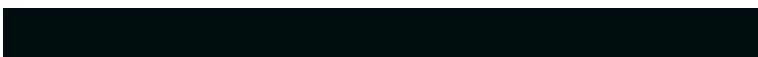
21.2808, 22.1076, 36.4033



6.7358, 7.3373, 8.4679



11.7874, 15.6664, 28.3099



0.2319, 0.3225, 0.5132

Previews

White Background



This preview shows how the XYZ color 24.3718, 22.3632, 18.9516 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 24.3718, 22.3632, 18.9516 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

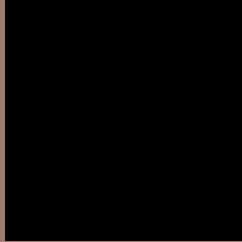
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.3718, 22.3632, 18.9516

Background



This preview shows how black text looks on a background with the XYZ color 24.3718, 22.3632, 18.9516.



This preview shows how white text looks on a background with the XYZ color 24.3718, 22.3632,

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

24.3718, 22.3632, 18.9516

Protanopia

21.3041, 22.4481, 20.6628

Deuteranopia

22.8359, 22.5035, 18.7628



Tritanopia

25.3934, 22.4335, 23.4138

Trichromacy



Original Color

24.3718, 22.3632, 18.9516

Protanomaly

22.3019, 22.3924, 19.9764

Deuteranomaly

23.3252, 22.3799, 18.7132

Tritanomaly

24.9896, 22.4401, 21.7532

Monochromacy



Original Color

24.3718, 22.3632, 18.9516

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.5762, 22.6698, 22.5879

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.3718, 22.3632, 18.9516 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(160, 121, 114)` looks like.

```
.text, #text, p{  
    color:rgb(160, 121, 114)  
}
```

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(160, 121, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 121, 114) }
```

Border

The CSS property to change the border of an element to XYZ 24.3718, 22.3632, 18.9516 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(160, 121, 114) }
```


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

```
.border{ border-color:rgb(160, 121, 114) }
```

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

Here you see how a box with a 4 pixel rgb(160, 121, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 121, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 121, 114);  
box-shadow:4px 4px 4px 4px rgb(160, 121,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 24.3718, 22.3632, 18.9516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 121, 114) }
```

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

```
.background{ background-color: rgb(160,  
121, 114) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor