

Converting Colors

XYZ(26.2568, 22.3352, 21.8568)

Have a look what the booklet for
XYZ(26.2568, 22.3352, 21.8568)
contains.

XYZ(26.2457, 22.3810, 22.0055)	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(26.2457, 22.3810,
22.0055)**

Conversions

Conversions Part 1

Format	Color
Hex	A9747C
RGB	169, 116, 124
RGB Percent	66%, 45%, 49%
CMY	0.3373, 0.5451, 0.5137
CMYK	0.00, 0.31, 0.27, 0.34
HSL	351°, 24%, 56%
HSV	351°, 31%, 66%
XYZ	26.2457, 22.3810, 22.0055
YIQ	132.7590, 29.0200, 13.7240

Conversions

Conversions Part 2

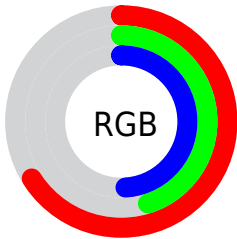
Format	Color
R_{YB}	169, 116, 124
Decimal	11105404
CIE _{Lab}	54.43, 22.02, 4.06
CIE _{LCh}	54, 22.392, 10.447
Yxy	22.3810, 0.3716, 0.3169
Android (android.graphics.Color)	4289295484 (0xFFA9747C)
YUV	132.7590, -4.3182, 31.7834
Hunter-Lab	47.3086, 16.2377, 5.5373

Details

The XYZ color **26.2457, 22.3810, 22.0055** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **27.8244, 34.6628, 38.9440**, and the grayscale version is **22.2150, 23.3719, 25.4520**.

A 20% lighter version of the original color is **52.8904, 47.1474, 47.3870**, and **10.4796, 8.2353, 7.6938** is the 20% darker color. If you saturate the color by 10%, you get **23.6295, 18.4967, 16.9773**, and if you desaturate by 10%, it is **29.3496, 27.0290, 27.8484**.

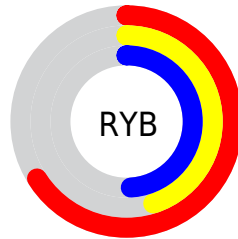
Distribution



Red (66%)

Green (45%)

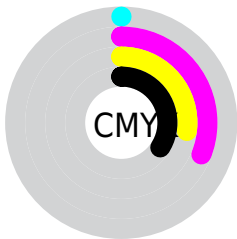
Blue (49%)



Red (66%)

Yellow (45%)

Blue (49%)

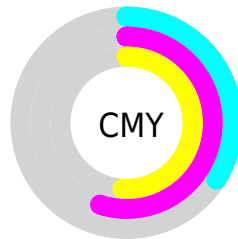


Cyan (0%)

Magenta (31%)

Yellow (27%)

Black (34%)



Cyan (34%)

Magenta (55%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.2457, 22.3810, 22.0055 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 26.2457, 22.3810, 22.0055 by changing the saturation by 10% instead.

■ 26.2457, 22.3810,
22.0055

■ 26.2457, 22.3810,
22.0055

276.2208,
264.5295, 275.5294

■ 17.1412, 14.1371,
13.6626

■ 53.0995, 47.3749,
47.6574

■ 10.4311, 8.2161,
7.7503

■ 71.5796, 64.8937,
65.8035

■ 5.7502, 4.2335,
3.8501

■ 93.9155, 86.2730,
88.0543

■ 2.7330, 1.8050,
1.5435

120.4726,
111.8970, 114.8285

■ 1.0142, 0.4903,
0.2500

151.6164,
142.1503, 146.5446

■ 0.0000, 0.0000,
0.0000

187.7121,

177.4173, 183.6211

229.1251,
218.0822, 226.4765

■ 26.2457, 22.3810,
22.0055

■ 26.2457, 22.3810,
22.0055

■ 23.6295, 18.4967,
16.9773

■ 29.3496, 27.0290,
27.8484

■ 21.4743, 15.3322,
12.7260

■ 32.9625, 32.4754,
34.5387

■ 19.7535, 12.8440,
9.2130


■ 37.1066, 38.7562,
42.1088


■ 18.4370, 10.9826,
6.3958


■ 41.8024, 45.9045,
50.5891


■ 17.4911, 9.6918,
4.2274


■ 47.0690, 53.9518,
60.0087


 16.8758, 8.9049,
2.6548

 52.9249, 62.9277,
70.3952

 16.5432, 8.5074,
1.7185

 59.3876, 72.8605,
81.7751

 66.4739, 83.7775,
94.1739

 69.8759, 87.0565,
106.1747

Harmonies

Analogous

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



26.0238, 22.3810, 29.1654



26.2457, 22.3810, 22.0055



25.0597, 22.3810, 16.6277

Triad

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



26.2457, 22.3810, 22.0055



18.3624, 22.3810, 15.4820



19.7356, 22.3810, 39.4085

Complementary

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



26.2457, 22.3810, 22.0055



27.8244, 34.6628, 38.9440

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.



17.8875, 22.3810, 34.2030



26.2457, 22.3810, 22.0055



17.1378, 22.3810, 20.1298

Square

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



26.2457, 22.3810, 22.0055



20.4303, 22.3810, 13.3701



16.9709, 22.3810, 26.8962



22.1375, 22.3810, 40.1767

Rectangle

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



26.2457, 22.3810, 22.0055



23.6798, 22.3810, 14.4223



16.9709, 22.3810, 26.8962



19.0341, 22.3810, 38.0784

Sweetspot

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



26.2463, 22.3821, 22.0060



60.5819, 60.5030, 64.6989



27.9381, 22.8472, 40.4738



12.9879, 12.8598, 13.7047



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.



26.2463, 22.3821, 22.0060



43.4913, 34.8607, 32.6784



27.9944, 26.6551, 20.1937



7.5755, 7.5601, 8.0820



12.3426, 6.3457, 1.3495



0.3136, 0.1597, 0.1027

Inverse Universe

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



26.2463, 22.3821, 22.0060



43.4913, 34.8607, 32.6784



25.4851, 28.8191, 41.7558



7.5755, 7.5601, 8.0820



12.3426, 6.3457, 1.3495



0.3136, 0.1597, 0.1027

Previews

White Background



This preview shows how the XYZ color 26.2457, 22.3810, 22.0055 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 26.2457, 22.3810, 22.0055 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

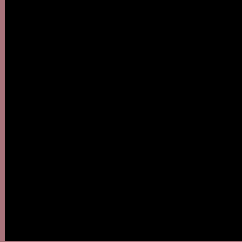
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.2457, 22.3810, 22.0055

Background



This preview shows how black text looks on a background with the XYZ color 26.2457, 22.3810, 22.0055.



This preview shows how white text looks on a background with the XYZ color 26.2457, 22.3810,

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

26.2457, 22.3810, 22.0055

Protanopia

21.6632, 22.5367, 25.0380

Deuteranopia

22.8278, 22.4378, 21.5401



Tritanopia

26.3092, 22.4065, 22.3403

Trichromacy



Original Color

26.2457, 22.3810, 22.0055

Protanomaly

22.9731, 22.2720, 23.8570

Deuteranomaly

23.8611, 22.2192, 21.7700

Tritanomaly

26.3092, 22.4065, 22.3403

Monochromacy



Original Color

26.2457, 22.3810, 22.0055

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

23.4727, 22.9014, 24.3024

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2457, 22.3810, 22.0055 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, 116, 124)` looks like.

```
.text, #text, p{  
    color:rgb(169, 116, 124)  
}
```

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, 116, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 116, 124) }
```

Border

The CSS property to change the border of an element to XYZ 26.2457, 22.3810, 22.0055 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, 116, 124) }
```


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

```
.border{ border-color:rgb(169, 116, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 116, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 116, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 116, 124);  
box-shadow:4px 4px 4px 4px rgb(169, 116,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2457, 22.3810, 22.0055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 116, 124) }
```

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

```
.background{ background-color: rgb(169,  
116, 124) }
```

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