

Converting Colors

XYZ(26.4554, 26.9785, 22.5140)

Have a look what the booklet for
XYZ(26.4554, 26.9785, 22.5140)
contains.

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Color

**XYZ(26.5181, 26.9632,
22.5457)**

Conversions

Conversions Part 1

Format	Color
Hex	9C8B7B
RGB	156, 139, 123
RGB Percent	61%, 55%, 48%
CMY	0.3882, 0.4549, 0.5176
CMYK	0.00, 0.11, 0.21, 0.39
HSL	29°, 14%, 55%
HSV	29°, 21%, 61%
XYZ	26.5181, 26.9632, 22.5457
YIQ	142.2590, 15.2680, -1.3720

Conversions

Conversions Part 2

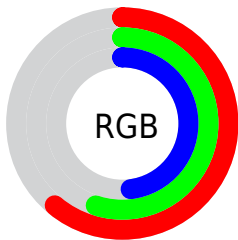
Format	Color
R_{YB}	156, 154, 123
Decimal	10259323
CIE Lab	58.94, 3.70, 10.89
CIE LCh	59, 11.497, 71.235
Yxy	26.9632, 0.3488, 0.3547
Android (android.graphics.Color)	4288449403 (0xFF9C8B7B)
YUV	142.2590, -9.4947, 12.0509
Hunter-Lab	51.9261, 0.2873, 10.6053

Details

The XYZ color **26.5181, 26.9632, 22.5457** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.5472, 25.3670, 35.1080**, and the grayscale version is **25.8465, 27.1925, 29.6127**.

A 20% lighter version of the original color is **53.4515, 54.6433, 48.2875**, and **10.5173, 10.5822, 7.9668** is the 20% darker color. If you saturate the color by 10%, you get **24.4975, 24.3622, 17.4321**, and if you desaturate by 10%, it is **28.7813, 29.7999, 28.5087**.

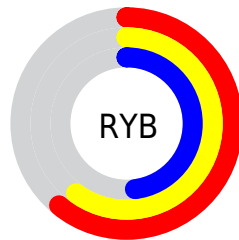
Distribution



Red (61%)

Green (55%)

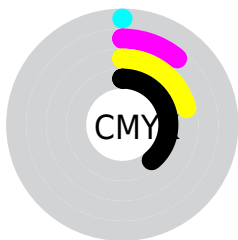
Blue (48%)



Red (61%)

Yellow (60%)

Blue (48%)

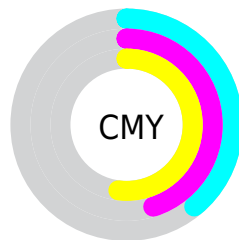


Cyan (0%)

Magenta (11%)

Yellow (21%)

Black (39%)



Cyan (39%)

Magenta (45%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5181, 26.9632, 22.5457 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 26.5181, 26.9632, 22.5457 by changing the saturation by 10% instead.

■ 26.5181, 26.9632,
22.5457

■ 26.5181, 26.9632,
22.5457

277.5265,
287.4789, 278.4288

■ 17.3463, 17.5456,
14.0563

■ 53.5350, 54.8248,
48.5600

■ 10.5786, 10.6242,
8.0206

■ 72.1108, 74.0376,
66.9219

■ 5.8494, 5.8148,
4.0202

■ 94.5520, 97.2842,
89.4118

■ 2.7935, 2.7328,
1.6364

121.2240,
124.9491, 116.4481

■ 1.0455, 0.9939,
0.3166

152.4920,
157.4166, 148.4494

■ 0.0000, 0.0000,
0.0000

188.7216,

195.0712, 185.8343

230.2780,
238.2971, 229.0213

■ 26.5181, 26.9632,
22.5457

■ 26.5181, 26.9632,
22.5457

■ 24.4975, 24.3622,
17.4321

■ 28.7813, 29.7999,
28.5087

■ 22.7082, 21.9867,
13.1267

■ 31.2936, 32.8751,
35.3560

■ 21.1411, 19.8310,
9.5877

■ 34.0639, 36.1958,
43.1229

■ 19.7855, 17.8876,
6.7686

■ 37.1000, 39.7680,
51.8421

■ 18.6297, 16.1487,
4.6178

■ 40.4092, 43.5971,
61.5446

■ 17.6606, 14.6056,
3.0769

■ 43.9988, 47.6886,
72.2601

■ 16.8632, 13.2488,
2.0769

■ 47.8755, 52.0476,
84.0171

■ 16.2708, 12.1888,
1.4951

■ 52.0460, 56.6792,
96.8428

■ 55.1341, 61.0353,
103.4828

Harmonies

Analogous

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



27.7411, 26.9632, 24.4898



26.5181, 26.9632, 22.5457



25.0983, 26.9632, 22.3230

Triad

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



26.5181, 26.9632, 22.5457



23.0364, 26.9632, 30.9118



27.4740, 26.9632, 35.6549

Complementary

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



26.5181, 26.9632, 22.5457



23.5472, 25.3670, 35.1080

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.



26.1645, 26.9632, 37.7353



26.5181, 26.9632, 22.5457



23.6245, 26.9632, 34.8328

Square

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



26.5181, 26.9632, 22.5457



23.1231, 26.9632, 26.9088



24.7575, 26.9632, 37.4213



28.3069, 26.9632, 31.9522

Rectangle

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



26.5181, 26.9632, 22.5457



24.2348, 26.9632, 23.1544



24.7575, 26.9632, 37.4213



27.0730, 26.9632, 36.5819

Sweetspot

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



26.5188, 26.9644, 22.5463



54.5143, 56.8817, 57.8359



25.5309, 23.1292, 27.9494



11.9366, 12.4443, 12.5660



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



26.5188, 26.9644, 22.5463



46.5187, 46.8714, 36.7323



29.0821, 32.0910, 23.4007



6.8852, 7.1504, 7.0029



13.4366, 10.1087, 1.2430



0.2825, 0.2652, 0.0363

Inverse Universe

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



23.5472, 25.3670, 35.1080



40.2099, 43.4798, 63.3999



21.3209, 20.9144, 34.3659



6.5531, 6.9719, 8.4070



7.3617, 6.8150, 26.8346



0.1739, 0.2064, 0.4939

Previews

White Background



This preview shows how the XYZ color 26.5181, 26.9632, 22.5457 looks on a white background.

Color Contrast Check

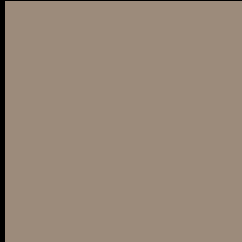
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.5181, 26.9632, 22.5457 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 26.5181, 26.9632, 22.5457

Background



This preview shows how black text looks on a background with the XYZ color 26.5181, 26.9632, 22.5457.



This preview shows how white text looks on a background with the XYZ color 26.5181, 26.9632,

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

26.5181, 26.9632, 22.5457

Protanopia

25.5574, 26.8946, 22.9129

Deuteranopia

27.4211, 27.0028, 22.5057



Tritanopia

28.2905, 27.0546, 30.9251

Trichromacy



Original Color

26.5181, 26.9632, 22.5457

Protanomaly

25.9651, 26.8868, 22.8899

Deuteranomaly

27.1608, 27.0806, 22.5344

Tritanomaly

27.6337, 26.9954, 27.7989

Monochromacy



Original Color

26.5181, 26.9632, 22.5457

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.9307, 27.0021, 26.7669

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5181, 26.9632, 22.5457 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(156, 139, 123)` looks like.

```
.text, #text, p{  
    color:rgb(156, 139, 123)  
}
```

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(156, 139, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 139, 123) }
```

Border

The CSS property to change the border of an element to XYZ 26.5181, 26.9632, 22.5457 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(156, 139, 123) }
```


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

```
.border{ border-color:rgb(156, 139, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 139, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 139, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 139, 123);  
box-shadow:4px 4px 4px 4px rgb(156, 139,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5181, 26.9632, 22.5457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 139, 123) }
```

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

```
.background{ background-color: rgb(156,  
139, 123) }
```

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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