

Converting Colors

XYZ(22.1841, 22.8368, 22.2649)

Have a look what the booklet for
XYZ(22.1841, 22.8368, 22.2649)
contains.

XYZ(22.2682, 22.9095, 22.3171)	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(22.2682, 22.9095,
22.3171)**

Conversions

Conversions Part 1

Format	Color
Hex	8B827C
RGB	139, 130, 124
RGB Percent	55%, 51%, 49%
CMY	0.4549, 0.4902, 0.5137
CMYK	0.00, 0.06, 0.11, 0.45
HSL	24°, 6%, 52%
HSV	24°, 11%, 55%
XYZ	22.2682, 22.9095, 22.3171
YIQ	132.0070, 7.2900, 0.0420

Conversions

Conversions Part 2

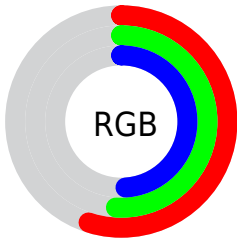
Format	Color
R_{YB}	139, 134, 124
Decimal	9142908
CIE _{Lab}	54.98, 2.29, 4.46
CIE _{LCh}	55, 5.013, 62.770
Yxy	22.9095, 0.3299, 0.3394
Android (android.graphics.Color)	4287332988 (0xFF8B827C)
YUV	132.0070, -3.9475, 6.1329
Hunter-Lab	47.8639, -0.7164, 5.8600

Details

The XYZ color **22.2682, 22.9095, 22.3171** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.3598, 22.9238, 27.7253**, and the grayscale version is **21.9471, 23.0901, 25.1451**.

A 20% lighter version of the original color is **46.7623, 48.3390, 47.9400**, and **8.3323, 8.5167, 7.8613** is the 20% darker color. If you saturate the color by 10%, you get **20.3861, 20.4542, 17.6543**, and if you desaturate by 10%, it is **24.3653, 25.5961, 27.6636**.

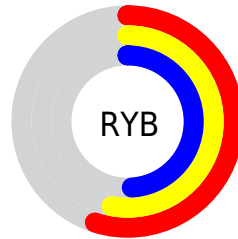
Distribution



Red (55%)

Green (51%)

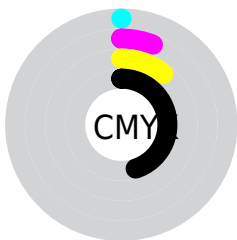
Blue (49%)



Red (55%)

Yellow (53%)

Blue (49%)

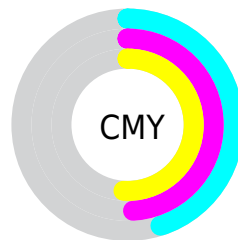


Cyan (0%)

Magenta (6%)

Yellow (11%)

Black (45%)



Cyan (45%)

Magenta (49%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.2682, 22.9095, 22.3171 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 22.2682, 22.9095, 22.3171 by changing the saturation by 10% instead.

■ 22.2682, 22.9095,
22.3171

■ 22.2682, 22.9095,
22.3171

256.5498,
267.2598, 277.2051

■ 14.1718, 14.5267,
13.8895

■ 46.6644, 48.2447,
48.1784

■ 8.3228, 8.4879,
7.9060

■ 63.6950, 65.9659,
66.4493

■ 4.3557, 4.4087,
3.9480

■ 84.4343, 87.5686,
88.8383

■ 1.9053, 1.9047,
1.5968

109.2477,
113.4373, 115.7641

■ 0.5799, 0.5512,
0.2886

138.5007,
143.9564, 147.6451

■ 0.0000, 0.0000,
0.0000

172.5584,

179.5103, 184.8999

211.7863,
220.4833, 227.9471

■ 22.2682, 22.9095,
22.3171

■ 22.2682, 22.9095,
22.3171

■ 20.3861, 20.4542,
17.6543

■ 24.3653, 25.5961,
27.6636

■ 18.7100, 18.2210,
13.6458

■ 26.6826, 28.5171,
33.7185

■ 17.2327, 16.2042,
10.2622

■ 29.2271, 31.6793,
40.5071

■ 15.9460, 14.3968,
7.4716

■ 32.0053, 35.0882,
48.0532

■ 14.8410, 12.7916,
5.2388

■ 35.0230, 38.7492,
56.3792

■ 13.9080, 11.3806,
3.5251

■ 38.2862, 42.6677,
65.5069

■ 13.1362, 10.1553,
2.2866

■ 41.8004, 46.8486,
75.4569

■ 12.5133, 9.1063,
1.4722

■ 45.5711, 51.2968,
86.2494

■ 12.0437, 8.2812,
0.9637

■ 49.6034, 56.0171,
97.9036

Harmonies

Analogous

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



22.6872, 22.9095, 23.3220



22.2682, 22.9095, 22.3171



21.7231, 22.9095, 22.0065

Triad

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



22.2682, 22.9095, 22.3171



20.7232, 22.9095, 25.0930



22.3593, 22.9095, 27.6117

Complementary

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



22.2682, 22.9095, 22.3171



21.3598, 22.9238, 27.7253

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.



21.8266, 22.9095, 28.1332



22.2682, 22.9095, 22.3171



20.8872, 22.9095, 26.6407

Square

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



22.2682, 22.9095, 22.3171



20.8369, 22.9095, 23.5681



21.2887, 22.9095, 27.7705



22.7404, 22.9095, 26.3735

Rectangle

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



22.2682, 22.9095, 22.3171



21.3632, 22.9095, 22.2236



21.2887, 22.9095, 27.7705



22.1917, 22.9095, 27.8790

Sweetspot

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



22.2688, 22.9105, 22.3176



42.7456, 44.7074, 47.2531



22.0890, 21.5981, 25.1952



9.7827, 10.2163, 10.7167



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



22.2688, 22.9105, 22.3176



39.0039, 39.8944, 37.7733



23.3027, 24.9783, 22.6622



5.1864, 5.3557, 5.3128



10.8859, 7.5061, 0.8751



0.0860, 0.0772, 0.0104

Inverse Universe

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



21.3598, 22.9238, 27.7253



37.0331, 39.9229, 49.4970



20.3698, 20.9437, 27.3953



5.0077, 5.3583, 6.3762



7.0408, 7.3520, 23.0937



0.0611, 0.0776, 0.1582

Previews

White Background



This preview shows how the XYZ color 22.2682, 22.9095, 22.3171 looks on a white background.

Color Contrast Check

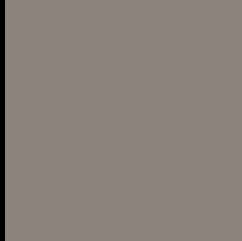
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.2682, 22.9095, 22.3171 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

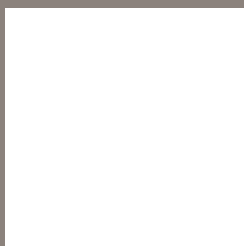
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.2682, 22.9095, 22.3171

Background



This preview shows how black text looks on a background with the XYZ color 22.2682, 22.9095, 22.3171.



This preview shows how white text looks on a background with the XYZ color 22.2682, 22.9095,

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

22.2682, 22.9095, 22.3171

Protanopia

21.9713, 22.9475, 22.6733

Deuteranopia

23.3237, 22.8625, 22.5856



Tritanopia

23.2911, 22.9360, 27.2443

Trichromacy



Original Color

22.2682, 22.9095, 22.3171

Protanomaly

22.1345, 23.0316, 22.6810

Deuteranomaly

22.9224, 22.8483, 22.6041

Tritanomaly

22.8991, 22.9694, 25.4169

Monochromacy



Original Color

22.2682, 22.9095, 22.3171

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.0704, 22.9685, 24.0390

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.2682, 22.9095, 22.3171 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(139, 130, 124)` looks like.

```
.text, #text, p{  
    color:rgb(139, 130, 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(139, 130, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 130, 124) }
```

Border

The CSS property to change the border of an element to XYZ 22.2682, 22.9095, 22.3171 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(139, 130, 124) }
```


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

```
.border{ border-color:rgb(139, 130, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 130, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 130, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 130, 124);  
box-shadow:4px 4px 4px 4px rgb(139, 130,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 22.2682, 22.9095, 22.3171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 130, 124) }
```

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

```
.background{ background-color: rgb(139,  
130, 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](#).

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