

Converting Colors

XYZ(22.6369, 22.1793, 20.2278)

Have a look what the booklet for
XYZ(22.6369, 22.1793, 20.2278)
contains.

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Color

**XYZ(22.6363, 22.1783,
20.2273)**

Conversions

Conversions Part 1

Format	Color
Hex	937D76
RGB	147, 125, 118
RGB Percent	58%, 49%, 46%
CMY	0.4235, 0.5098, 0.5373
CMYK	0.00, 0.15, 0.20, 0.42
HSL	14°, 12%, 52%
HSV	14°, 20%, 58%
XYZ	22.6363, 22.1783, 20.2273
YIQ	130.7800, 15.3590, 2.4870

Conversions

Conversions Part 2

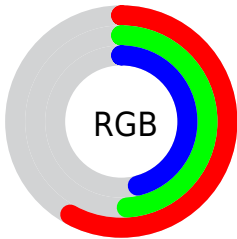
Format	Color
R_{YB}	147, 127, 118
Decimal	9665910
CIE Lab	54.22, 7.27, 6.94
CIE LCh	54, 10.055, 43.671
Yxy	22.1783, 0.3480, 0.3410
Android (android.graphics.Color)	4287855990 (0xFF937D76)
YUV	130.7800, -6.3005, 14.2249
Hunter-Lab	47.0938, 3.3842, 7.5000

Details

The XYZ color **22.6363, 22.1783, 20.2273** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.1156, 24.7138, 31.2087**, and the grayscale version is **21.5134, 22.6337, 24.6481**.

A 20% lighter version of the original color is **47.2635, 47.1606, 44.6421**, and **8.5138, 8.0979, 6.9087** is the 20% darker color. If you saturate the color by 10%, you get **20.4968, 19.1900, 15.5350**, and if you desaturate by 10%, it is **25.0716, 25.5401, 25.6904**.

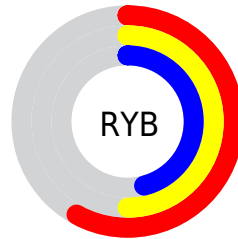
Distribution



Red (58%)

Green (49%)

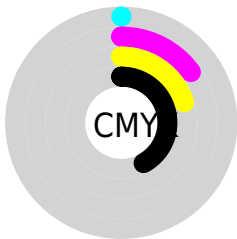
Blue (46%)



Red (58%)

Yellow (50%)

Blue (46%)

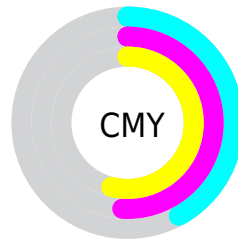


Cyan (0%)

Magenta (15%)

Yellow (20%)

Black (42%)



Cyan (42%)

Magenta (51%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.6363, 22.1783, 20.2273 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 22.6363, 22.1783, 20.2273 by changing the saturation by 10% instead.

■ 22.6363, 22.1783,
20.2273

■ 22.6363, 22.1783,
20.2273

258.4218,
263.4760, 265.7878

■ 14.4444, 13.9880,
12.3747

■ 47.2665, 47.0405,
44.6619

■ 8.5142, 8.1123,
6.8737

■ 64.4355, 64.4812,
62.0810

■ 4.4802, 4.1669,
3.3060

■ 85.3276, 85.7741,
83.5259

■ 1.9772, 1.7674,
1.2529

110.3082,
111.3036, 109.4153

■ 0.6211, 0.4667,
0.0227

139.7425,
141.4542, 140.1676

■ 0.0000, 0.0000,
0.0000

173.9960,

176.6102, 176.2014

213.4339,
217.1560, 217.9353

■ 22.6363, 22.1783,
20.2273

■ 22.6363, 22.1783,
20.2273

■ 20.4968, 19.1900,
15.5350

■ 25.0716, 25.5401,
25.6904

■ 18.6400, 16.5592,
11.5773

■ 27.8119, 29.2845,
31.9557

■ 17.0539, 14.2732,
8.3172

■ 30.8679, 33.4245,
39.0542

■ 15.7256, 12.3174,
5.7137

■ 34.2496, 37.9711,
47.0152

■ 14.6405, 10.6761,
3.7215

■ 37.9662, 42.9352,
55.8662

■ 13.7827, 9.3322,
2.2898

■ 42.0268, 48.3271,
65.6339

■ 13.1343, 8.2670,
1.3591

■ 46.4400, 54.1567,
76.3434

■ 12.6598, 7.4537,
0.7830

■ 51.2141, 60.4338,
88.0193

■ 12.6485, 7.4346,
0.7684

■ 56.3572, 67.1678,
100.6849

Harmonies

Analogous

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



23.1879, 22.1783, 22.7541



22.6363, 22.1783, 20.2273



21.6761, 22.1783, 18.8221

Triad

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



22.6363, 22.1783, 20.2273



19.1272, 22.1783, 22.4959



21.5803, 22.1783, 30.4795

Complementary

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



22.6363, 22.1783, 20.2273



22.1156, 24.7138, 31.2087

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.



20.4946, 22.1783, 30.3952



22.6363, 22.1783, 20.2273



19.1035, 22.1783, 25.5986

Square

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



22.6363, 22.1783, 20.2273



19.6621, 22.1783, 20.0524



19.5964, 22.1783, 28.5461



22.5641, 22.1783, 28.7674

Rectangle

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



22.6363, 22.1783, 20.2273



20.9456, 22.1783, 18.6277



19.5964, 22.1783, 28.5461



21.2146, 22.1783, 30.6645

Sweetspot

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



22.6369, 22.1793, 20.2278



46.6041, 48.0749, 49.8830



23.2622, 21.0606, 27.7406



10.5755, 10.8880, 11.2432



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



22.6369, 22.1793, 20.2278



38.6480, 37.0867, 32.0513



24.5742, 26.0539, 20.8735



5.9078, 6.0294, 6.0929



10.9825, 6.4794, 0.6718



0.1544, 0.1193, 0.0149

Inverse Universe

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



22.1156, 24.7138, 31.2087



37.5252, 42.5339, 55.6667



20.1648, 20.8120, 30.5584



5.8467, 6.3274, 7.3829



9.5614, 11.8175, 25.7081



0.1399, 0.1903, 0.3223

Previews

White Background



This preview shows how the XYZ color 22.6363, 22.1783, 20.2273 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 22.6363, 22.1783, 20.2273 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

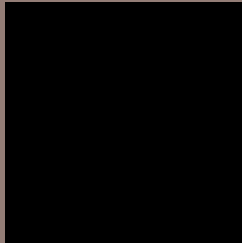
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.6363, 22.1783, 20.2273

Background



This preview shows how black text looks on a background with the XYZ color 22.6363, 22.1783, 20.2273.



This preview shows how white text looks on a background with the XYZ color 22.6363, 22.1783,

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

22.6363, 22.1783, 20.2273

Protanopia

21.0719, 22.1249, 20.9292

Deuteranopia

22.6363, 22.1783, 20.2273



Tritanopia

23.6422, 22.2214, 24.8729

Trichromacy



Original Color

22.6363, 22.1783, 20.2273

Protanomaly

21.6964, 22.2592, 20.6057

Deuteranomaly

22.6363, 22.1783, 20.2273

Tritanomaly

23.2512, 22.2435, 23.1466

Monochromacy



Original Color

22.6363, 22.1783, 20.2273

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

21.9327, 22.5252, 22.9305

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.6363, 22.1783, 20.2273 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(147, 125, 118)` looks like.

```
.text, #text, p{  
    color:rgb(147, 125, 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(147, 125, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 125, 118) }
```

Border

The CSS property to change the border of an element to XYZ 22.6363, 22.1783, 20.2273 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(147, 125, 118) }
```


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

```
.border{ border-color:rgb(147, 125, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 125, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 125, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 125, 118);  
box-shadow:4px 4px 4px 4px rgb(147, 125,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 22.6363, 22.1783, 20.2273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 125, 118) }
```

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

```
.background{ background-color: rgb(147,  
125, 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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