

Converting Colors

XYZ(21.9849, 22.7103, 22.7094)

Have a look what the booklet for
XYZ(21.9849, 22.7103, 22.7094)
contains.

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Color

**XYZ(22.0008, 22.7643,
22.6364)**

Conversions

Conversions Part 1

Format	Color
Hex	89827D
RGB	137, 130, 125
RGB Percent	54%, 51%, 49%
CMY	0.4627, 0.4902, 0.5098
CMYK	0.00, 0.05, 0.09, 0.46
HSL	25°, 5%, 51%
HSV	25°, 9%, 54%
XYZ	22.0008, 22.7643, 22.6364
YIQ	131.5230, 5.7770, -0.0710

Conversions

Conversions Part 2

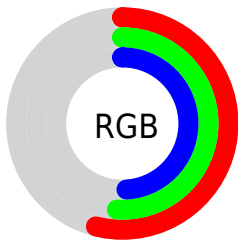
Format	Color
RYB	137, 134, 125
Decimal	9011837
CIELab	54.83, 1.70, 3.64
CIElCh	55, 4.017, 64.922
Yxy	22.7643, 0.3264, 0.3377
Android (android.graphics.Color)	4287201917 (0xFF89827D)
YUV	131.5230, -3.2158, 4.8033
Hunter-Lab	47.7119, -1.1865, 5.2689

Details

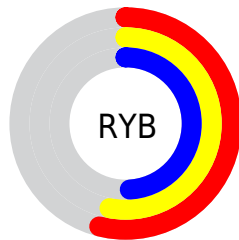
The XYZ color **22.0008, 22.7643, 22.6364** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.2239, 22.6681, 26.9238**, and the grayscale version is **21.7708, 22.9046, 24.9431**.

A 20% lighter version of the original color is **46.2046, 48.0285, 48.9547**, and **8.1774, 8.4329, 8.0342** is the 20% darker color. If you saturate the color by 10%, you get **20.1638, 20.3955, 17.9999**, and if you desaturate by 10%, it is **24.0423, 25.3484, 27.9373**.

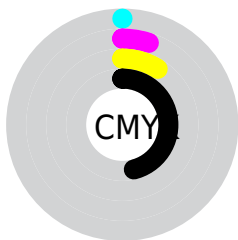
Distribution



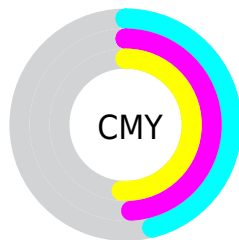
- Red (54%)
- Green (51%)
- Blue (49%)



- Red (54%)
- Yellow (53%)
- Blue (49%)



- Cyan (0%)
- Magenta (5%)
- Yellow (9%)
- Black (46%)



- Cyan (46%)
- Magenta (49%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.0008, 22.7643, 22.6364 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 22.0008, 22.7643, 22.6364 by changing the saturation by 10% instead.

■ 22.0008, 22.7643,
22.6364

■ 22.0008, 22.7643,
22.6364

255.1827,
266.5121, 278.9131

■ 13.9741, 14.4196,
14.1225

■ 46.2262, 48.0060,
48.7112

■ 8.1842, 8.4131,
8.0662

■ 63.1555, 65.6718,
67.1092

■ 4.2659, 4.3604,
4.0489

■ 83.7832, 87.2134,
89.6389

■ 1.8536, 1.8771,
1.6522

108.4744,
113.0151, 116.7190

■ 0.5497, 0.5346,
0.3277

137.5946,
143.4615, 148.7679

■ 0.0000, 0.0000,
0.0000

171.5092,

178.9368, 186.2042

210.5834,
219.8256, 229.4464

■ 22.0008, 22.7643,
22.6364

■ 22.0008, 22.7643,
22.6364

■ 20.1638, 20.3955,
17.9999

■ 24.0423, 25.3484,
27.9373

■ 18.5227, 18.2333,
13.9998

■ 26.2929, 28.1503,
33.9260

■ 17.0709, 16.2729,
10.6084

■ 28.7593, 31.1763,
40.6269

■ 15.8008, 14.5078,
7.7951

■ 31.4474, 34.4313,
48.0623

■ 14.7040, 12.9315,
5.5269

■ 34.3629, 37.9203,
56.2539

■ 13.7718, 11.5369,
3.7674

■ 37.5111, 41.6480,
65.2223

■ 12.9940, 10.3164,
2.4753

■ 40.8973, 45.6189,
74.9875

■ 12.3595, 9.2617,
1.6033

■ 44.5265, 49.8377,
85.5684

■ 11.8444, 8.3591,
1.0380

■ 48.4037, 54.3085,
96.9837

Harmonies

Analogous

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



22.3446, 22.7643, 23.4124



22.0008, 22.7643, 22.6364



21.5636, 22.7643, 22.4285

Triad

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



22.0008, 22.7643, 22.6364



20.7970, 22.7643, 24.9969



22.1294, 22.7643, 26.8466

Complementary

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



22.0008, 22.7643, 22.6364



21.2239, 22.6681, 26.9238

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.



21.7101, 22.7643, 27.3041



22.0008, 22.7643, 22.6364



20.9440, 22.7643, 26.2132

Square

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



22.0008, 22.7643, 22.6364



20.8724, 22.7643, 23.7641



21.2768, 22.7643, 27.0685



22.4196, 22.7643, 25.8377

Rectangle

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



22.0008, 22.7643, 22.6364



21.2789, 22.7643, 22.6338



21.2768, 22.7643, 27.0685



21.9987, 22.7643, 27.0715

Sweetspot

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



22.0014, 22.7653, 22.6369



41.4355, 43.3541, 45.7931



21.8152, 21.6518, 24.8595



9.2325, 9.6467, 10.1120



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



22.0014, 22.7653, 22.6369



38.5494, 39.6788, 38.3665



22.8226, 24.4075, 22.9106



5.1930, 5.3689, 5.3150



10.9894, 7.7132, 0.9096



0.0869, 0.0791, 0.0107

Inverse Universe

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



21.2239, 22.6681, 26.9238



36.7912, 39.4590, 48.0604



20.4339, 21.0881, 26.6605



5.0010, 5.3449, 6.3739



6.8823, 7.0349, 23.0408



0.0602, 0.0757, 0.1579

Previews

White Background



This preview shows how the XYZ color 22.0008, 22.7643, 22.6364 looks on a white background.

Color Contrast Check

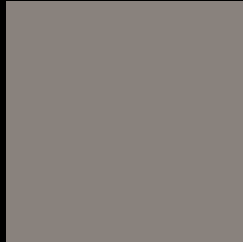
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.0008, 22.7643, 22.6364 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

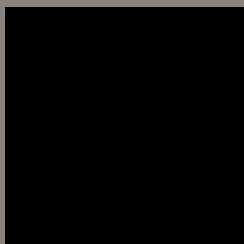
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

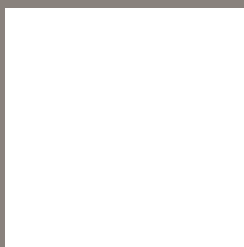
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.0008, 22.7643, 22.6364

Background



This preview shows how black text looks on a background with the XYZ color 22.0008, 22.7643, 22.6364.



This preview shows how white text looks on a background with the XYZ color 22.0008, 22.7643,

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

22.0008, 22.7643, 22.6364

Protanopia

21.8096, 22.8642, 22.6658

Deuteranopia

23.2093, 22.7961, 22.9155



Tritanopia

22.9541, 22.7623, 27.2285

Trichromacy



Original Color

22.0008, 22.7643, 22.6364

Protanomaly

21.9713, 22.9475, 22.6733

Deuteranomaly

22.8128, 22.7843, 22.9341

Tritanomaly

22.5651, 22.7972, 25.4013

Monochromacy



Original Color

22.0008, 22.7643, 22.6364

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

21.9103, 22.8859, 24.0315

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.0008, 22.7643, 22.6364 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(137, 130, 125)` looks like.

```
.text, #text, p{  
    color:rgb(137, 130, 125)  
}
```

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(137, 130, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 130, 125) }
```

Border

The CSS property to change the border of an element to XYZ 22.0008, 22.7643, 22.6364 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(137, 130, 125) }
```


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

```
.border{ border-color:rgb(137, 130, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 130, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 130, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 130, 125);  
box-shadow:4px 4px 4px 4px rgb(137, 130,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 22.0008, 22.7643, 22.6364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 130, 125) }
```

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

```
.background{ background-color: rgb(137,  
130, 125) }
```

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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