

Converting Colors

XYZ(21.1673, 22.2688, 22.9191)

Have a look what the booklet for
XYZ(21.1673, 22.2688, 22.9191)
contains.

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Color

**XYZ(21.2642, 22.3772,
22.9371)**

Conversions

Conversions Part 1

Format	Color
Hex	84827E
RGB	132, 130, 126
RGB Percent	52%, 51%, 49%
CMY	0.4824, 0.4902, 0.5059
CMYK	0.00, 0.02, 0.05, 0.48
HSL	40°, 2%, 51%
HSV	40°, 5%, 52%
XYZ	21.2642, 22.3772, 22.9371
YIQ	130.1420, 2.4760, -0.8200

Conversions

Conversions Part 2

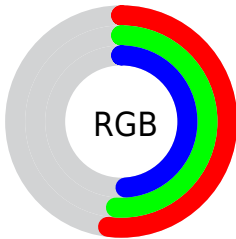
Format	Color
RYB	129, 132, 126
Decimal	8684158
CIELab	54.42, -0.02, 2.42
CIElCh	54, 2.420, 90.525
Yxy	22.3772, 0.3194, 0.3361
Android (android.graphics.Color)	4286874238 (0xFF84827E)
YUV	130.1420, -2.0420, 1.6295
Hunter-Lab	47.3045, -2.5442, 4.3646

Details

The XYZ color **21.2642, 22.3772, 22.9371** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **20.4880, 21.5393, 24.9075**, and the grayscale version is **21.2753, 22.3832, 24.3753**.

A 20% lighter version of the original color is **45.0778, 47.4359, 49.4280**, and **7.8493, 8.2597, 8.2018** is the 20% darker color. If you saturate the color by 10%, you get **19.8964, 20.9157, 18.5525**, and if you desaturate by 10%, it is **22.7707, 23.9355, 27.9230**.

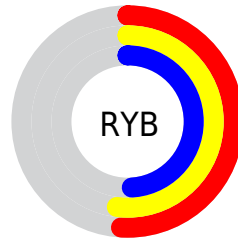
Distribution



Red (52%)

Green (51%)

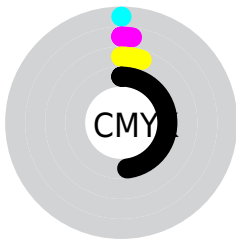
Blue (49%)



Red (51%)

Yellow (52%)

Blue (49%)

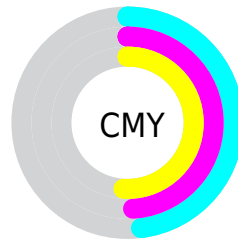


Cyan (0%)

Magenta (2%)

Yellow (5%)

Black (48%)



Cyan (48%)

Magenta (49%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.2642, 22.3772, 22.9371 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 21.2642, 22.3772, 22.9371 by changing the saturation by 10% instead.

■ 21.2642, 22.3772,
22.9371

■ 21.2642, 22.3772,
22.9371

251.3845,
264.5098, 280.5132

■ 13.4308, 14.1343,
14.3422

■ 45.0148, 47.3686,
49.2119

■ 7.8049, 8.2141,
8.2176

■ 61.6627, 64.8860,
67.7289

■ 4.0211, 4.2323,
4.1447

■ 81.9795, 86.2636,
90.3904

■ 1.7141, 1.8043,
1.7051

106.3306,
111.8859, 117.6148

■ 0.4651, 0.4899,
0.3642

135.0813,
142.1373, 149.8207

■ 0.0000, 0.0000,
0.0000

168.5969,

177.4022, 187.4268

207.2429,
218.0649, 230.8514

■ 21.2642, 22.3772,
22.9371

■ 21.2642, 22.3772,
22.9371

■ 19.8964, 20.9157,
18.5525

■ 22.7707, 23.9355,
27.9230

■ 18.6606, 19.5457,
14.7447

■ 24.4183, 25.5900,
33.5306

■ 17.5526, 18.2657,
11.4895

■ 26.2120, 27.3438,
39.7811

■ 16.5670, 17.0732,
8.7606

■ 28.1557, 29.1990,
46.6943

■ 15.6981, 15.9652,
6.5293

■ 30.2534, 31.1575,
54.2892

■ 14.9396, 14.9387,
4.7644

■ 32.5086, 33.2214,
62.5839

■ 14.2846, 13.9905,
3.4309

■ 34.9251, 35.3924,
71.5958

■ 13.7253, 13.1168,
2.4891

■ 37.5063, 37.6724,
81.3418

■ 13.2509, 12.3128,
1.8850

■ 40.2554, 40.0632,
91.8383

Harmonies

Analogous

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



21.5201, 22.3772, 23.1186



21.2642, 22.3772, 22.9371



21.0115, 22.3772, 23.1315

Triad

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



21.2642, 22.3772, 22.9371



20.8337, 22.3772, 25.1124



21.7148, 22.3772, 25.0888

Complementary

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



21.2642, 22.3772, 22.9371



20.4880, 21.5393, 24.9075

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.



21.5283, 22.3772, 25.6415



21.2642, 22.3772, 22.9371



21.0196, 22.3772, 25.6553

Square

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



21.2642, 22.3772, 22.9371



20.7643, 22.3772, 24.3783



21.2735, 22.3772, 25.8509



21.7816, 22.3772, 24.3516

Rectangle

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



21.2642, 22.3772, 22.9371



20.8786, 22.3772, 23.4505



21.2735, 22.3772, 25.8509



21.6639, 22.3772, 25.3029

Sweetspot

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



21.2648, 22.3782, 22.9376



38.3642, 40.3661, 43.3752



20.8730, 21.3860, 23.4501



8.9363, 9.4025, 10.1127



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



21.2648, 22.3782, 22.9376



37.3148, 39.2686, 39.9388



21.3774, 22.8343, 23.0197



5.0343, 5.2979, 5.3612



12.6032, 11.5290, 1.5611



0.0504, 0.0534, 0.0076

Inverse Universe

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



20.4880, 21.5393, 24.9075



35.7815, 37.6127, 43.8273



20.3783, 21.1000, 24.8285



4.8126, 5.0584, 5.9235



4.9067, 3.3612, 21.5269



0.0232, 0.0240, 0.0766

Previews

White Background



This preview shows how the XYZ color 21.2642, 22.3772, 22.9371 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 21.2642, 22.3772, 22.9371 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

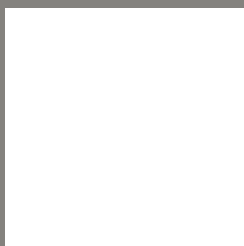
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.2642, 22.3772, 22.9371

Background



This preview shows how black text looks on a background with the XYZ color 21.2642, 22.3772, 22.9371.



This preview shows how white text looks on a background with the XYZ color 21.2642, 22.3772,

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

21.2642, 22.3772, 22.9371

Protanopia

21.4214, 22.4582, 22.9445

Deuteranopia

22.7932, 22.3833, 23.1978



Tritanopia

22.1381, 22.3417, 27.1903

Trichromacy



Original Color

21.2642, 22.3772, 22.9371

Protanomaly

21.4214, 22.4582, 22.9445

Deuteranomaly

22.2354, 22.2865, 23.2085

Tritanomaly

21.8262, 22.4083, 25.7291

Monochromacy



Original Color

21.2642, 22.3772, 22.9371

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

21.3052, 22.3755, 23.9649

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.2642, 22.3772, 22.9371 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(132, 130, 126)` looks like.

```
.text, #text, p{  
    color:rgb(132, 130, 126)  
}
```

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(132, 130, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 130, 126) }
```

Border

The CSS property to change the border of an element to XYZ 21.2642, 22.3772, 22.9371 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(132, 130, 126) }
```


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

```
.border{ border-color:rgb(132, 130, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 130, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 130, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 130, 126);  
box-shadow:4px 4px 4px 4px rgb(132, 130,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 21.2642, 22.3772, 22.9371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 130, 126) }
```

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

```
.background{ background-color: rgb(132,  
130, 126) }
```

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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