

Converting Colors

XYZ(22.1702, 23.9363, 30.0522)

Have a look what the booklet for
XYZ(22.1702, 23.9363, 30.0522)
contains.

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Color

**XYZ(22.2272, 23.9377,
30.2370)**

Conversions

Conversions Part 1

Format	Color
Hex	7C8891
RGB	124, 136, 145
RGB Percent	49%, 53%, 57%
CMY	0.5137, 0.4667, 0.4314
CMYK	0.14, 0.06, 0.00, 0.43
HSL	206°, 9%, 53%
HSV	206°, 14%, 57%
XYZ	22.2272, 23.9377, 30.2370
YIQ	133.4380, -10.0410, 0.2550

Conversions

Conversions Part 2

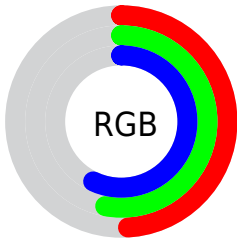
Format	Color
RYB	124, 132, 145
Decimal	8161425
CIELab	56.03, -2.41, -6.30
CIElCh	56, 6.746, 249.105
Yxy	23.9377, 0.2909, 0.3133
Android (android.graphics.Color)	4286351505 (0xFF7C8891)
YUV	133.4380, 5.7001, -8.2771
Hunter-Lab	48.9262, -4.5281, -2.3937

Details

The XYZ color **22.2272, 23.9377, 30.2370** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.7029, 24.2502, 22.5009**, and the grayscale version is **22.4371, 23.6055, 25.7064**.

A 20% lighter version of the original color is **46.6379, 49.8658, 61.1998**, and **8.2950, 8.9777, 12.1221** is the 20% darker color. If you saturate the color by 10%, you get **19.4341, 21.2368, 29.8633**, and if you desaturate by 10%, it is **25.3806, 26.9009, 30.6431**.

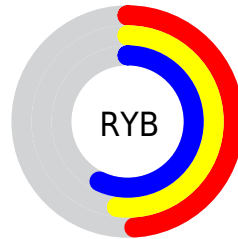
Distribution



Red (49%)

Green (53%)

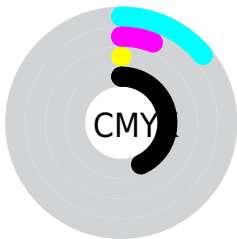
Blue (57%)



Red (49%)

Yellow (52%)

Blue (57%)

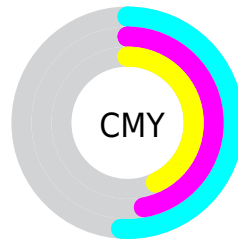


Cyan (14%)

Magenta (6%)

Yellow (0%)

Black (43%)



Cyan (51%)

Magenta (47%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.2272, 23.9377, 30.2370 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 22.2272, 23.9377, 30.2370 by changing the saturation by 10% instead.

■ 22.2272, 23.9377,
30.2370

■ 22.2272, 23.9377,
30.2370

256.3406,
272.5054, 317.2492

■ 14.1415, 15.2874,
19.7650

■ 46.5973, 49.9285,
61.1022

■ 8.3015, 9.0213,
12.0419

■ 63.6124, 68.0378,
82.3325

■ 4.3419, 4.7551,
6.6494

■ 84.3346, 90.0690,
107.9859

■ 1.8973, 2.1043,
3.1687

109.1293,
116.4063, 138.4810

■ 0.5753, 0.6670,
1.1814

138.3620,
147.4342, 174.2363

■ 0.0000, 0.0000,
0.0000

172.3978,

183.5371, 215.6705

211.6022,
225.0993, 263.2019

■ 22.2272, 23.9377,
30.2370

■ 22.2272, 23.9377,
30.2370

■ 19.4341, 21.2368,
29.8633

■ 25.3806, 26.9009,
30.6431

■ 16.9850, 18.7867,
29.5194

■ 28.9055, 30.1316,
31.0809

■ 14.8653, 16.5791,
29.2050

■ 32.8155, 33.6386,
31.5518

■ 13.0586, 14.6042,
28.9191

■ 37.1225, 37.4291,
32.0564

■ 11.5466, 12.8515,
28.6604

■ 41.8382, 41.5104,
32.5956

10.3095, 11.3090,
28.4279

46.9734, 45.8892,
33.1702

9.3244, 9.9636,
28.2202

52.5388, 50.5721,
33.7807

8.5626, 8.7990,
28.0355

58.5447, 55.5655,
34.4280

8.1941, 8.2107,
27.9414

65.0008, 60.8754,
35.1127

Harmonies

Analogous

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



21.6205, 23.9377, 28.8360



22.2272, 23.9377, 30.2370



22.9876, 23.9377, 30.4870

Triad

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



22.2272, 23.9377, 30.2370



24.2481, 23.9377, 25.3977



21.8294, 23.9377, 22.9051

Complementary

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



22.2272, 23.9377, 30.2370



23.7029, 24.2502, 22.5009

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.



22.5182, 23.9377, 22.0911



22.2272, 23.9377, 30.2370



23.9224, 23.9377, 23.4758

Square

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



22.2272, 23.9377, 30.2370



24.1659, 23.9377, 27.6085



23.2851, 23.9377, 22.2939



21.3944, 23.9377, 24.5784

Rectangle

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



22.2272, 23.9377, 30.2370



23.4811, 23.9377, 29.9541



23.2851, 23.9377, 22.2939



22.0383, 23.9377, 22.5263

Sweetspot

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



22.2279, 23.9387, 30.2375



45.6910, 48.3963, 54.9068



22.6545, 26.2229, 25.9679



10.0726, 10.6811, 12.2030



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



22.2279, 23.9387, 30.2375



38.3046, 41.4332, 53.9521



20.8525, 21.1879, 29.7791



5.3693, 5.7344, 6.8526



7.0543, 7.0946, 23.9747



0.0894, 0.1117, 0.2365

Inverse Universe

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



23.3292, 22.2132, 26.3516



40.6382, 37.8597, 45.6996



25.1756, 27.1955, 22.9917



5.5299, 5.4725, 6.2883



11.3638, 5.7025, 7.5671



0.1197, 0.0589, 0.1306

Previews

White Background



This preview shows how the XYZ color 22.2272, 23.9377, 30.2370 looks on a white background.

Color Contrast Check

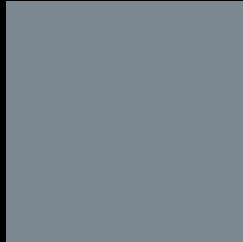
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.2272, 23.9377, 30.2370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

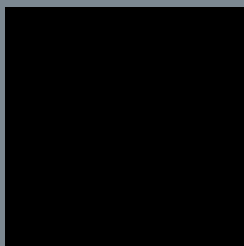
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

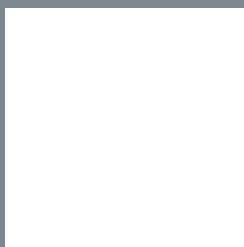
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.2272, 23.9377, 30.2370

Background



This preview shows how black text looks on a background with the XYZ color 22.2272, 23.9377, 30.2370.



This preview shows how white text looks on a background with the XYZ color 22.2272, 23.9377,

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

22.2272, 23.9377, 30.2370

Protanopia

23.1770, 23.8266, 29.3640

Deuteranopia

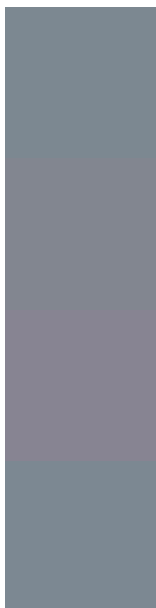
24.3263, 23.7914, 30.5042



Tritanopia

22.3828, 24.0000, 31.0565

Trichromacy



Original Color

22.2272, 23.9377, 30.2370

Protanomaly

22.7651, 23.8096, 29.7814

Deuteranomaly

23.4312, 23.7287, 30.5393

Tritanomaly

22.3046, 23.9687, 30.6450

Monochromacy



Original Color

22.2272, 23.9377, 30.2370

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

22.2464, 23.6022, 27.0501

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.2272, 23.9377, 30.2370 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(124, 136, 145)` looks like.

```
.text, #text, p{  
    color:rgb(124, 136, 145)  
}
```

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(124, 136, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 136, 145) }
```

Border

The CSS property to change the border of an element to XYZ 22.2272, 23.9377, 30.2370 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(124, 136, 145) }
```


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

```
.border{ border-color:rgb(124, 136, 145) }
```

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

Here you see how a box with a 4 pixel rgb(124, 136, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 136, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 136, 145);  
box-shadow:4px 4px 4px 4px rgb(124, 136,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 22.2272, 23.9377, 30.2370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 136, 145) }
```

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

```
.background{ background-color: rgb(124,  
136, 145) }
```

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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