

Converting Colors

XYZ(22.6815, 22.2729, 27.1317)

Have a look what the booklet for
XYZ(22.6815, 22.2729, 27.1317)
contains.

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Color

**XYZ(22.6958, 22.2457,
27.1424)**

Conversions

Conversions Part 1

Format	Color
Hex	8B7E8A
RGB	139, 126, 138
RGB Percent	55%, 49%, 54%
CMY	0.4549, 0.5059, 0.4588
CMYK	0.00, 0.09, 0.01, 0.45
HSL	305°, 5%, 52%
HSV	305°, 9%, 55%
XYZ	22.6958, 22.2457, 27.1424
YIQ	131.2550, 3.8960, 6.4880

Conversions

Conversions Part 2

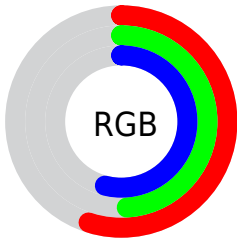
Format	Color
RYB	139, 126, 138
Decimal	9141898
CIELab	54.29, 7.24, -4.69
CIElCh	54, 8.623, 327.074
Yxy	22.2457, 0.3149, 0.3086
Android (android.graphics.Color)	4287331978 (0xFF8B7E8A)
YUV	131.2550, 3.3253, 6.7924
Hunter-Lab	47.1653, 3.3542, -1.1041

Details

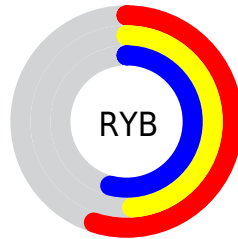
The XYZ color **22.6958, 22.2457, 27.1424** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.6685, 24.4338, 23.6541**, and the grayscale version is **21.6526, 22.7802, 24.8077**.

A 20% lighter version of the original color is **47.5164, 47.3392, 55.9232**, and **8.5352, 8.1362, 10.3531** is the 20% darker color. If you saturate the color by 10%, you get **20.9636, 18.9044, 26.1850**, and if you desaturate by 10%, it is **24.6770, 26.0832, 28.1871**.

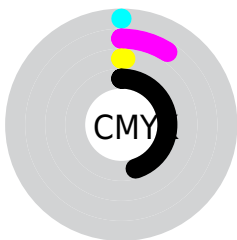
Distribution



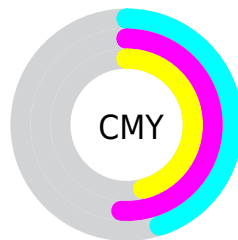
- Red (55%)
- Green (49%)
- Blue (54%)



- Red (55%)
- Yellow (49%)
- Blue (54%)



- Cyan (0%)
- Magenta (9%)
- Yellow (1%)
- Black (45%)



- Cyan (45%)
- Magenta (51%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.6958, 22.2457, 27.1424 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 22.6958, 22.2457, 27.1424 by changing the saturation by 10% instead.

■ 22.6958, 22.2457,
27.1424

■ 22.6958, 22.2457,
27.1424

258.7233,
263.8267, 302.1279

■ 14.4885, 14.0375,
17.4468

■ 47.3637, 47.1518,
56.1188

■ 8.5452, 8.1468,
10.3883

■ 64.5550, 64.6184,
76.2367

■ 4.5004, 4.1890,
5.5482

■ 85.4717, 85.9401,
100.6658

■ 1.9890, 1.7798,
2.5080

110.4791,
111.5011, 129.8246

■ 0.6278, 0.4746,
0.8444

139.9426,
141.6859, 164.1317

■ 0.0000, 0.0000,
0.0000

174.2276,

176.8788, 204.0056

213.6994,
217.4643, 249.8648

■ 22.6958, 22.2457,
27.1424

■ 22.6958, 22.2457,
27.1424

■ 20.9636, 18.9044,
26.1850

■ 24.6770, 26.0832,
28.1871

■ 19.4685, 16.0362,
25.3102

■ 26.9148, 30.4331,
29.3208

■ 18.2001, 13.6203,
24.5146

■ 29.4190, 35.3144,
30.5471

■ 17.1468, 11.6335,
23.7945

■ 32.1981, 40.7443,
31.8688

■ 16.2960, 10.0503,
23.1456

■ 35.2603, 46.7393,
33.2887

■ 15.6335, 8.8426,
22.5632

■ 38.6135, 53.3150,
34.8094

■ 15.1436, 7.9788,
22.0420

■ 42.2653, 60.4866,
36.4335

■ 14.8077, 7.4220,
21.5759

■ 46.2229, 68.2686,
38.1633

■ 14.5784, 7.0770,
21.1489

■ 50.4933, 76.6750,
40.0013

Harmonies

Analogous

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



21.9763, 22.2457, 29.1237



22.6958, 22.2457, 27.1424



22.9987, 22.2457, 24.4867

Triad

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



22.6958, 22.2457, 27.1424



21.2362, 22.2457, 19.4162



19.5767, 22.2457, 26.6522

Complementary

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



22.6958, 22.2457, 27.1424



21.6685, 24.4338, 23.6541

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.



19.3916, 22.2457, 23.9588



22.6958, 22.2457, 27.1424



20.3327, 22.2457, 19.9033

Square

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



22.6958, 22.2457, 27.1424



22.1405, 22.2457, 20.1358



19.6644, 22.2457, 21.5186



20.1776, 22.2457, 28.8263

Rectangle

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



22.6958, 22.2457, 27.1424



22.9171, 22.2457, 22.7351



19.6644, 22.2457, 21.5186



19.4645, 22.2457, 25.7719

Sweetspot

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



22.6964, 22.2467, 27.1429



42.8212, 44.0522, 49.7644



20.8546, 21.2888, 27.4365



9.8047, 10.0298, 11.4341



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.



22.6964, 22.2467, 27.1429



40.0253, 38.6422, 48.2718



22.2489, 22.0676, 24.7862



5.2175, 5.1224, 6.2340



13.1473, 6.3690, 19.0776



0.0896, 0.0432, 0.1388

Inverse Universe

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



22.6964, 22.2467, 27.1429



40.0253, 38.6422, 48.2718



22.0966, 24.6051, 25.9088



5.2175, 5.1224, 6.2340



13.1473, 6.3690, 19.0776



0.0896, 0.0432, 0.1388

Previews

White Background



This preview shows how the XYZ color 22.6958, 22.2457, 27.1424 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 22.6958, 22.2457, 27.1424 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

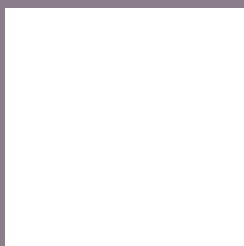
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.6958, 22.2457, 27.1424

Background



This preview shows how black text looks on a background with the XYZ color 22.6958, 22.2457, 27.1424.

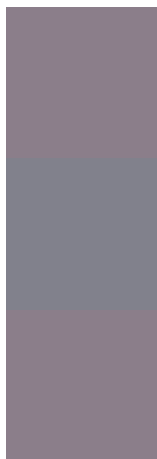


This preview shows how white text looks on a background with the XYZ color 22.6958, 22.2457,

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

22.6958, 22.2457, 27.1424

Protanopia

21.6371, 22.2611, 27.9674

Deuteranopia

22.6958, 22.2457, 27.1424



Tritanopia

22.5522, 22.1882, 26.3867

Trichromacy



Original Color

22.6958, 22.2457, 27.1424

Protanomaly

22.0522, 22.2890, 27.5660

Deuteranomaly

22.6958, 22.2457, 27.1424

Tritanomaly

22.6237, 22.2168, 26.7628

Monochromacy



Original Color

22.6958, 22.2457, 27.1424

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

21.9848, 22.4901, 25.7365

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.6958, 22.2457, 27.1424 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, 126, 138)` looks like.

```
.text, #text, p{  
    color:rgb(139, 126, 138)  
}
```

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, 126, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 126, 138) }
```

Border

The CSS property to change the border of an element to XYZ 22.6958, 22.2457, 27.1424 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, 126, 138) }
```


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

```
.border{ border-color:rgb(139, 126, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 126, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 126, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 126, 138);  
box-shadow:4px 4px 4px 4px rgb(139, 126,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 22.6958, 22.2457, 27.1424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 126, 138) }
```

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

```
.background{ background-color: rgb(139,  
126, 138) }
```

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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