

Converting Colors

XYZ(22.3661, 22.9298, 27.5602)

Have a look what the booklet for
XYZ(22.3661, 22.9298, 27.5602)
contains.

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Color

**XYZ(22.3157, 22.8159,
27.6538)**

Conversions

Conversions Part 1

Format	Color
Hex	85828B
RGB	133, 130, 139
RGB Percent	52%, 51%, 55%
CMY	0.4784, 0.4902, 0.4549
CMYK	0.04, 0.06, 0.00, 0.45
HSL	260°, 4%, 53%
HSV	260°, 6%, 55%
XYZ	22.3157, 22.8159, 27.6538
YIQ	131.9230, -1.1010, 3.4350

Conversions

Conversions Part 2

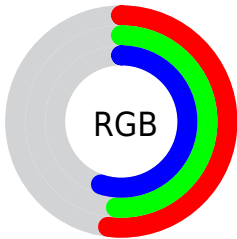
Format	Color
R_{YB}	133, 130, 139
Decimal	8749707
CIE _{Lab}	54.88, 2.93, -4.45
CIE _{LCh}	55, 5.325, 303.384
Yxy	22.8159, 0.3066, 0.3135
Android (android.graphics.Color)	4286939787 (0xFF85828B)
YUV	131.9230, 3.4890, 0.9445
Hunter-Lab	47.7660, -0.1974, -0.8894

Details

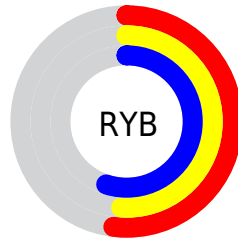
The XYZ color **22.3157, 22.8159, 27.6538** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.4160, 25.3118, 24.7717**, and the grayscale version is **21.8931, 23.0332, 25.0832**.

A 20% lighter version of the original color is **46.6976, 48.1118, 56.6945**, and **8.4018, 8.4909, 10.6473** is the 20% darker color. If you saturate the color by 10%, you get **19.1911, 18.6439, 27.0135**, and if you desaturate by 10%, it is **25.8206, 27.5560, 28.3844**.

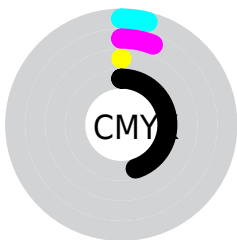
Distribution



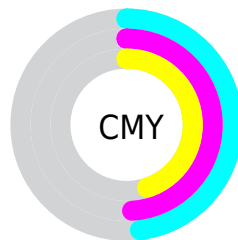
- Red (52%)
- Green (51%)
- Blue (55%)



- Red (52%)
- Yellow (51%)
- Blue (55%)



- Cyan (4%)
- Magenta (6%)
- Yellow (0%)
- Black (45%)



- Cyan (48%)
- Magenta (49%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.3157, 22.8159, 27.6538 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 22.3157, 22.8159, 27.6538 by changing the saturation by 10% instead.

■ 22.3157, 22.8159,
27.6538

■ 22.3157, 22.8159,
27.6538

256.7920,
266.7780, 304.6686

■ 14.2070, 14.4576,
17.8281

■ 46.7422, 48.0909,
56.9477

■ 8.3474, 8.4396,
10.6585

■ 63.7907, 65.7763,
77.2529

■ 4.3717, 4.3775,
5.7264

■ 84.5498, 87.3397,
101.8884

■ 1.9145, 1.8869,
2.6134

109.3848,
113.1653, 131.2727

■ 0.5852, 0.5405,
0.8993

138.6613,
143.6375, 165.8243

■ 0.0000, 0.0000,
0.0000

172.7443,

179.1408, 205.9618

211.9995,
220.0595, 252.1038

■ 22.3157, 22.8159,
27.6538

■ 22.3157, 22.8159,
27.6538

■ 19.1911, 18.6439,
27.0135

■ 25.8206, 27.5560,
28.3844

■ 16.4315, 15.0154,
26.4586

■ 29.7163, 32.8818,
29.2070

■ 14.0235, 11.9085,
25.9858

■ 34.0156, 38.8135,
30.1253

■ 11.9521, 9.2984,
25.5912

■ 38.7299, 45.3697,
31.1423

■ 10.2011, 7.1585,
25.2705

■ 43.8701, 52.5680,
32.2608

8.7529, 5.4595,
25.0189

49.4469, 60.4255,
33.4836

7.5881, 4.1686,
24.8311

55.4704, 68.9585,
34.8131

6.6846, 3.2484,
24.7011

61.9505, 78.1828,
36.2520

6.0083, 2.6380,
24.6189

68.8636, 88.0472,
37.7917

Harmonies

Analogous

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



21.7528, 22.8159, 28.2271



22.3157, 22.8159, 27.6538



22.7153, 22.8159, 26.3259

Triad

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



22.3157, 22.8159, 27.6538



22.1978, 22.8159, 22.0512



20.5736, 22.8159, 25.0348

Complementary

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



22.3157, 22.8159, 27.6538



23.4160, 25.3118, 24.7717

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.



20.6879, 22.8159, 23.4161



22.3157, 22.8159, 27.6538



21.6190, 22.8159, 21.7401

Square

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



22.3157, 22.8159, 27.6538



22.6464, 22.8159, 23.0984



21.0679, 22.8159, 22.2287



20.7528, 22.8159, 26.6725

Rectangle

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



22.3157, 22.8159, 27.6538



22.8317, 22.8159, 25.2186



21.0679, 22.8159, 22.2287



20.5790, 22.8159, 24.4704

Sweetspot

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



22.3164, 22.8169, 27.6543



42.6589, 44.4926, 50.0825



22.6922, 24.2612, 27.9133



9.8488, 10.2781, 11.5442



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.



22.3164, 22.8169, 27.6543



38.9650, 39.5189, 49.3172



23.0175, 23.1783, 27.6871



4.9215, 4.9679, 6.3054



5.2525, 2.2219, 22.1977



0.0492, 0.0221, 0.1481

Inverse Universe

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



23.0748, 23.2328, 26.5619



40.6658, 40.4520, 46.8554



22.7237, 24.9549, 24.7393



5.1642, 5.1011, 5.9531



11.3887, 5.6656, 9.8174



0.0825, 0.0404, 0.1011

Previews

White Background



This preview shows how the XYZ color 22.3157, 22.8159, 27.6538 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 22.3157, 22.8159, 27.6538 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

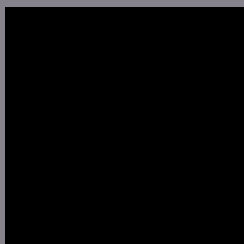
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.3157, 22.8159, 27.6538

Background



This preview shows how black text looks on a background with the XYZ color 22.3157, 22.8159, 27.6538.

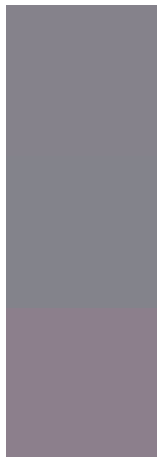


This preview shows how white text looks on a background with the XYZ color 22.3157, 22.8159,

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

22.3157, 22.8159, 27.6538

Protanopia

22.1366, 22.9220, 27.6838

Deuteranopia

23.1382, 22.6476, 27.9629



Tritanopia

22.3891, 22.8453, 28.0405

Trichromacy



Original Color

22.3157, 22.8159, 27.6538

Protanomaly

22.2922, 23.0022, 27.6910

Deuteranomaly

22.7693, 22.6502, 27.9828

Tritanomaly

22.3891, 22.8453, 28.0405

Monochromacy



Original Color

22.3157, 22.8159, 27.6538

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.0052, 22.8874, 26.1796

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.3157, 22.8159, 27.6538 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(133, 130, 139)` looks like.

```
.text, #text, p{  
    color:rgb(133, 130, 139)  
}
```

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(133, 130, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 130, 139) }
```

Border

The CSS property to change the border of an element to XYZ 22.3157, 22.8159, 27.6538 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(133, 130, 139) }
```


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

```
.border{ border-color:rgb(133, 130, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 130, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 130, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 130, 139);  
box-shadow:4px 4px 4px 4px rgb(133, 130,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 22.3157, 22.8159, 27.6538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 130, 139) }
```

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

```
.background{ background-color: rgb(133,  
130, 139) }
```

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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