

Converting Colors

XYZ(22.1047, 22.8836, 31.2715)

Have a look what the booklet for
XYZ(22.1047, 22.8836, 31.2715)
contains.

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Color

**XYZ(22.0658, 22.8063,
31.2560)**

Conversions

Conversions Part 1

Format	Color
Hex	7E8394
RGB	126, 131, 148
RGB Percent	49%, 51%, 58%
CMY	0.5059, 0.4863, 0.4196
CMYK	0.15, 0.11, 0.00, 0.42
HSL	226°, 9%, 54%
HSV	226°, 15%, 58%
XYZ	22.0658, 22.8063, 31.2560
YIQ	131.4430, -8.4370, 4.2270

Conversions

Conversions Part 2

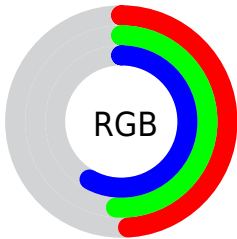
Format	Color
RYB	126, 130, 148
Decimal	8291220
CIELab	54.87, 1.82, -9.74
CIElCh	55, 9.908, 280.567
Yxy	22.8063, 0.2899, 0.2996
Android (android.graphics.Color)	4286481300 (0xFF7E8394)
YUV	131.4430, 8.1626, -4.7735
Hunter-Lab	47.7559, -1.0963, -5.3758

Details

The XYZ color **22.0658, 22.8063, 31.2560** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.8013, 27.4473, 23.6773**, and the grayscale version is **21.7063, 22.8367, 24.8691**.

A 20% lighter version of the original color is **46.3916, 48.1290, 62.7218**, and **8.2355, 8.4754, 12.5111** is the 20% darker color. If you saturate the color by 10%, you get **18.5908, 18.8598, 30.6778**, and if you desaturate by 10%, it is **26.0346, 27.2602, 31.9069**.

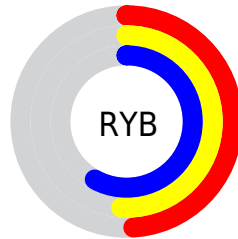
Distribution



Red (49%)

Green (51%)

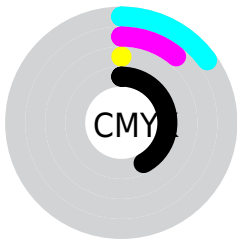
Blue (58%)



Red (49%)

Yellow (51%)

Blue (58%)

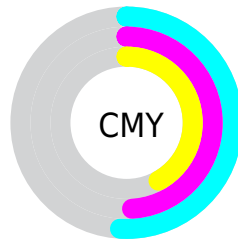


Cyan (15%)

Magenta (11%)

Yellow (0%)

Black (42%)



Cyan (51%)

Magenta (49%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.0658, 22.8063, 31.2560 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 22.0658, 22.8063, 31.2560 by changing the saturation by 10% instead.

■ 22.0658, 22.8063,
31.2560

■ 22.0658, 22.8063,
31.2560

255.5156,
266.7285, 322.1036

■ 14.0221, 14.4505,
20.5338

■ 46.3328, 48.0751,
62.7272

■ 8.2179, 8.4347,
12.5957

■ 63.2868, 65.7569,
84.3132

■ 4.2876, 4.3743,
7.0233

■ 83.9416, 87.3162,
110.3576

■ 1.8661, 1.8851,
3.3980

108.6626,
113.1373, 141.2789

■ 0.5570, 0.5394,
1.3013

137.8152,
143.6048, 177.4956

■ 0.0000, 0.0000,
0.0628

171.7646,

■ 0.0000, 0.0000,

179.1028, 219.4262

0.0000

210.8763,
220.0160, 267.4894

■ 22.0658, 22.8063,
31.2560

■ 22.0658, 22.8063,
31.2560

■ 18.5908, 18.8598,
30.6778

■ 26.0346, 27.2602,
31.9069

■ 15.5880, 15.3997,
30.1682

■ 30.5136, 32.2361,
32.6312

■ 13.0371, 12.4075,
29.7250

■ 35.5210, 37.7512,
33.4318

■ 10.9155, 9.8625,
29.3456

■ 41.0736, 43.8214,
34.3109

■ 9.1987, 7.7424,
29.0269

■ 47.1873, 50.4616,
35.2703

■ 7.8594, 6.0229,
28.7656

■ 53.8773, 57.6865,
36.3123

■ 6.8669, 4.6769,
28.5581

■ 61.1583, 65.5099,
37.4386

■ 6.1831, 3.6725,
28.4003

■ 69.0445, 73.9454,
38.6512

■ 5.9073, 3.2620,
28.3356

■ 75.9864, 82.2002,
39.8786

Harmonies

Analogous

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



20.9825, 22.8063, 30.9751



22.0658, 22.8063, 31.2560



23.0775, 22.8063, 29.7092

Triad

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



22.0658, 22.8063, 31.2560



23.3187, 22.8063, 21.1074



19.7479, 22.8063, 22.8763

Complementary

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



22.0658, 22.8063, 31.2560



25.8013, 27.4473, 23.6773

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.



20.3338, 22.8063, 20.5205



22.0658, 22.8063, 31.2560



22.3860, 22.8063, 19.5604

Square

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



22.0658, 22.8063, 31.2560



23.8169, 22.8063, 23.7408



21.2922, 22.8063, 19.3550



19.6687, 22.8063, 25.9565

Rectangle

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



22.0658, 22.8063, 31.2560



23.5660, 22.8063, 27.9203



21.2922, 22.8063, 19.3550



19.8912, 22.8063, 21.9806

Sweetspot

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



22.0665, 22.8072, 31.2565



46.5230, 48.7536, 56.3929



24.1424, 27.5950, 29.9880



10.5002, 10.9955, 12.8538



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



22.0665, 22.8072, 31.2565



36.6942, 37.7075, 54.7789



22.3016, 21.9552, 31.0797



5.6001, 5.8342, 7.3007



5.0637, 2.8222, 24.2089



0.0811, 0.0727, 0.3027

Inverse Universe

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



23.7709, 22.8569, 24.6327



40.3359, 37.8675, 40.6141



25.5344, 28.4491, 23.8847



5.8516, 5.8357, 6.3247



10.6830, 5.4783, 1.8117



0.1404, 0.0709, 0.0729

Previews

White Background



This preview shows how the XYZ color 22.0658, 22.8063, 31.2560 looks on a white background.

Color Contrast Check

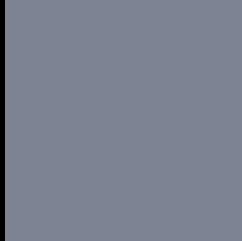
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.0658, 22.8063, 31.2560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

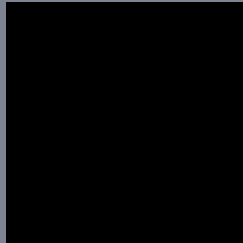
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

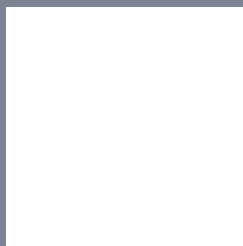
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.0658, 22.8063, 31.2560

Background



This preview shows how black text looks on a background with the XYZ color 22.0658, 22.8063, 31.2560.



This preview shows how white text looks on a background with the XYZ color 22.0658, 22.8063,

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

22.0658, 22.8063, 31.2560

Protanopia

22.3812, 22.7705, 31.2325

Deuteranopia

23.2973, 22.8425, 31.6149



Tritanopia

21.5912, 22.8155, 28.8570

Trichromacy



Original Color

22.0658, 22.8063, 31.2560

Protanomaly

22.2300, 22.6926, 31.2254

Deuteranomaly

22.7908, 22.7760, 31.6288

Tritanomaly

21.7428, 22.8761, 29.6551

Monochromacy



Original Color

22.0658, 22.8063, 31.2560

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

21.6849, 22.7059, 26.9067

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.0658, 22.8063, 31.2560 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(126, 131, 148)` looks like.

```
.text, #text, p{  
    color:rgb(126, 131, 148)  
}
```

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(126, 131, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 131, 148) }
```

Border

The CSS property to change the border of an element to XYZ 22.0658, 22.8063, 31.2560 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(126, 131, 148) }
```


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

```
.border{ border-color:rgb(126, 131, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 131, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 131, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 131, 148);  
box-shadow:4px 4px 4px 4px rgb(126, 131,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 22.0658, 22.8063, 31.2560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 131, 148) }
```

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

```
.background{ background-color: rgb(126,  
131, 148) }
```

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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