

Converting Colors

XYZ(20.0027, 20.0347, 22.9818)

Have a look what the booklet for
XYZ(20.0027, 20.0347, 22.9818)
contains.

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Color

**XYZ(20.0282, 20.0323,
22.8897)**

Conversions

Conversions Part 1

Format	Color
Hex	83797F
RGB	131, 121, 127
RGB Percent	51%, 47%, 50%
CMY	0.4863, 0.5255, 0.5020
CMYK	0.00, 0.08, 0.03, 0.49
HSL	324°, 4%, 49%
HSV	324°, 8%, 51%
XYZ	20.0282, 20.0323, 22.8897
YIQ	124.6740, 4.0340, 3.9860

Conversions

Conversions Part 2

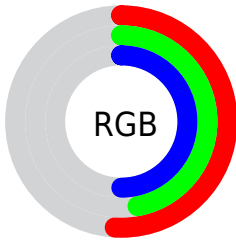
Format	Color
R_{YB}	131, 121, 127
Decimal	8616319
CIE Lab	51.87, 4.98, -1.90
CIE LCh	52, 5.325, 339.132
Yxy	20.0323, 0.3182, 0.3182
Android (android.graphics.Color)	4286806399 (0xFF83797F)
YUV	124.6740, 1.1467, 5.5479
Hunter-Lab	44.7575, 1.5502, 1.0083

Details

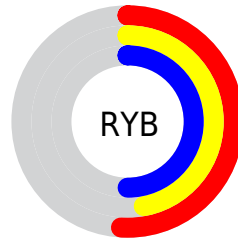
The XYZ color **20.0282, 20.0323, 22.8897** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.7039, 21.7788, 22.5683**, and the grayscale version is **19.3792, 20.3885, 22.2030**.

A 20% lighter version of the original color is **42.9490, 43.3728, 49.2881**, and **7.2374, 7.1090, 8.1984** is the 20% darker color. If you saturate the color by 10%, you get **18.2105, 16.9292, 20.6423**, and if you desaturate by 10%, it is **22.0810, 23.5767, 25.3037**.

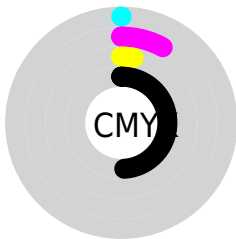
Distribution



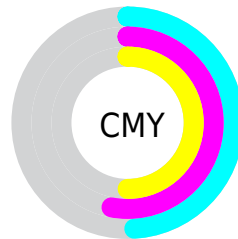
- Red (51%)
- Green (47%)
- Blue (50%)



- Red (51%)
- Yellow (47%)
- Blue (50%)



- Cyan (0%)
- Magenta (8%)
- Yellow (3%)
- Black (49%)



- Cyan (49%)
- Magenta (53%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.0282, 20.0323, 22.8897 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 20.0282, 20.0323, 22.8897 by changing the saturation by 10% instead.

■ 20.0282, 20.0323,
22.8897

■ 20.0282, 20.0323,
22.8897

244.8984,
252.0899, 280.2615

■ 12.5239, 12.4185,
14.3075

■ 42.9680, 43.4713,
49.1330

■ 7.1763, 7.0294,
8.1937

■ 59.1343, 60.0654,
67.6313

■ 3.6199, 3.4805,
4.1296

■ 78.9186, 80.4216,
90.2721

■ 1.4894, 1.3874,
1.6967

102.6864,
104.9245, 117.4738

■ 0.3186, 0.2074,
0.3585

130.8028,
133.9584, 149.6551

■ 0.0000, 0.0000,
0.0000

163.6334,

167.9076, 187.2344

201.5435,
207.1567, 230.6304

■ 20.0282, 20.0323,
22.8897

■ 20.0282, 20.0323,
22.8897

■ 18.2105, 16.9292,
20.6423

■ 22.0810, 23.5767,
25.3037

■ 16.6173, 14.2474,
18.5558

■ 24.3757, 27.5761,
27.8870

■ 15.2397, 11.9690,
16.6262

■ 26.9207, 32.0471,
30.6441

■ 14.0674, 10.0742,
14.8486

■ 29.7238, 37.0045,
33.5786

■ 13.0893, 8.5413,
13.2181

■ 32.7922, 42.4624,
36.6943

■ 12.2934, 7.3463,
11.7290

■ 36.1330, 48.4346,
39.9947

■ 11.6658, 6.4625,
10.3753

■ 39.7528, 54.9340,
43.4830

■ 11.1911, 5.8590,
9.1503

■ 43.6581, 61.9733,
47.1628

■ 10.8356, 5.4694,
8.0412

■ 47.8553, 69.5647,
51.0372

Harmonies

Analogous

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



19.7038, 20.0323, 24.2039



20.0282, 20.0323, 22.8897



20.0852, 20.0323, 21.3426

Triad

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



20.0282, 20.0323, 22.8897



18.8756, 20.0323, 19.0020



18.2450, 20.0323, 23.7454

Complementary

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



20.0282, 20.0323, 22.8897



19.7039, 21.7788, 22.5683

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.



18.0319, 20.0323, 22.2878



20.0282, 20.0323, 22.8897



18.3915, 20.0323, 19.5827

Square

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



20.0282, 20.0323, 22.8897



19.4129, 20.0323, 19.1461



18.0850, 20.0323, 20.7682



18.6721, 20.0323, 24.7140

Rectangle

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



20.0282, 20.0323, 22.8897



19.9628, 20.0323, 20.3941



18.0850, 20.0323, 20.7682



18.1463, 20.0323, 23.2937

Sweetspot

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



20.0288, 20.0332, 22.8901



37.8670, 39.3202, 43.3680



19.3923, 19.6743, 24.2485



8.8283, 9.1755, 10.1112



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.



20.0288, 20.0332, 22.8901



35.3263, 34.9473, 40.3370



19.7110, 19.9061, 21.2166



4.7811, 4.7321, 5.4595



10.5894, 5.3001, 7.6762



0.0403, 0.0198, 0.0456

Inverse Universe

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



20.0288, 20.0332, 22.8901



35.3263, 34.9473, 40.3370



20.0313, 21.9097, 24.2927



4.7811, 4.7321, 5.4595



10.5894, 5.3001, 7.6762



0.0403, 0.0198, 0.0456

Previews

White Background



This preview shows how the XYZ color 20.0282, 20.0323, 22.8897 looks on a white background.

Color Contrast Check

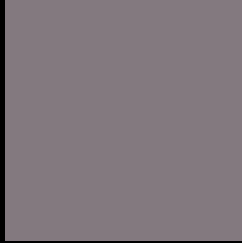
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.0282, 20.0323, 22.8897 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

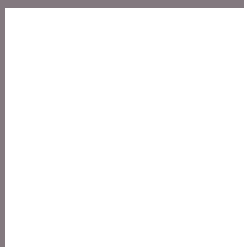
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.0282, 20.0323, 22.8897

Background



This preview shows how black text looks on a background with the XYZ color 20.0282, 20.0323, 22.8897.



This preview shows how white text looks on a background with the XYZ color 20.0282, 20.0323,

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

20.0282, 20.0323, 22.8897

Protanopia

19.4367, 20.0844, 23.2743

Deuteranopia

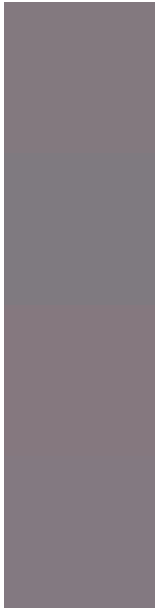
20.3788, 20.0336, 22.8715



Tritanopia

20.2267, 20.1117, 23.9350

Trichromacy



Original Color

20.0282, 20.0323, 22.8897

Protanomaly

19.6082, 19.9896, 23.2470

Deuteranomaly

20.2201, 19.9518, 22.8640

Tritanomaly

20.1599, 20.0850, 23.5831

Monochromacy



Original Color

20.0282, 20.0323, 22.8897

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

19.7259, 20.4337, 22.6431

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.0282, 20.0323, 22.8897 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(131, 121, 127)` looks like.

```
.text, #text, p{  
    color:rgb(131, 121, 127)  
}
```

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(131, 121, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 121, 127) }
```

Border

The CSS property to change the border of an element to XYZ 20.0282, 20.0323, 22.8897 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(131, 121, 127) }
```


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

```
.border{ border-color:rgb(131, 121, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 121, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(131, 121, 127); -webkit-box-shadow:4px 4px 4px 4px rgb(131, 121, 127); box-shadow:4px 4px 4px 4px rgb(131, 121, 127) }
```

Background

The CSS property to change the background color of an element to XYZ 20.0282, 20.0323, 22.8897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 121, 127) }
```

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

```
.background{ background-color: rgb(131,  
121, 127) }
```

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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