

Converting Colors

XYZ(19.9852, 17.9190, 22.9889)

Have a look what the booklet for
XYZ(19.9852, 17.9190, 22.9889)
contains.

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Color

**XYZ(20.0124, 17.9848,
22.8387)**

Conversions

Conversions Part 1

Format	Color
Hex	8B6D80
RGB	139, 109, 128
RGB Percent	55%, 43%, 50%
CMY	0.4549, 0.5725, 0.4980
CMYK	0.00, 0.22, 0.08, 0.45
HSL	322°, 12%, 49%
HSV	322°, 22%, 55%
XYZ	20.0124, 17.9848, 22.8387
YIQ	120.1360, 11.7810, 12.2690

Conversions

Conversions Part 2

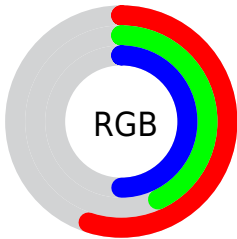
Format	Color
R_{YB}	139, 109, 128
Decimal	9137536
CIE _{Lab}	49.48, 15.23, -5.94
CIE _{LCh}	49, 16.343, 338.689
Yxy	17.9848, 0.3290, 0.2956
Android (android.graphics.Color)	4287327616 (0xFF8B6D80)
YUV	120.1360, 3.8770, 16.5437
Hunter-Lab	42.4085, 10.0186, -2.2441

Details

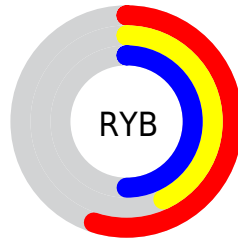
The XYZ color **20.0124, 17.9848, 22.8387** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.9302, 23.0730, 21.2263**, and the grayscale version is **17.8819, 18.8132, 20.4875**.

A 20% lighter version of the original color is **43.0777, 40.1634, 49.1979**, and **7.1999, 6.0258, 8.1808** is the 20% darker color. If you saturate the color by 10%, you get **18.3182, 15.1197, 20.6602**, and if you desaturate by 10%, it is **21.9590, 21.3272, 25.1850**.

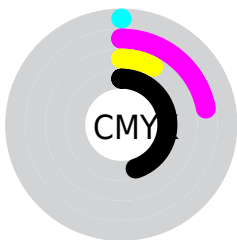
Distribution



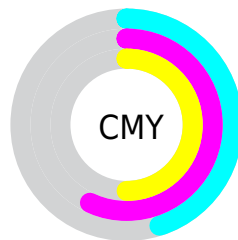
- Red (55%)
- Green (43%)
- Blue (50%)



- Red (55%)
- Yellow (43%)
- Blue (50%)



- Cyan (0%)
- Magenta (22%)
- Yellow (8%)
- Black (45%)



- Cyan (45%)
- Magenta (57%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.0124, 17.9848, 22.8387 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 20.0124, 17.9848, 22.8387 by changing the saturation by 10% instead.

■ 20.0124, 17.9848,
22.8387

■ 20.0124, 17.9848,
22.8387

244.8145,
240.7854, 279.9905

■ 12.5124, 10.9391,
14.2703

■ 42.9418, 40.0114,
49.0482

■ 7.1683, 6.0259,
8.1680

■ 59.1018, 55.7611,
67.5263

■ 3.6148, 2.8608,
4.1133

■ 78.8792, 75.1809,
90.1447

■ 1.4866, 1.0595,
1.6877

■ 102.6394, 98.6552,
117.3220

■ 0.3167, 0.0000,
0.3523

130.7476,
126.5684, 149.4767

■ 0.0000, 0.0000,
0.0000

163.5693,

159.3049, 187.0273

201.4699,
197.2491, 230.3924

■ 20.0124, 17.9848,
22.8387

■ 20.0124, 17.9848,
22.8387

■ 18.3182, 15.1197,
20.6602

■ 21.9590, 21.3272,
25.1850

■ 16.8637, 12.7076,
18.6432

■ 24.1669, 25.1652,
27.7025

■ 15.6371, 10.7252,
16.7831

■ 26.6467, 29.5191,
30.3961

■ 14.6253, 9.1466,
15.0739

■ 29.4076, 34.4071,
33.2702

■ 13.8136, 7.9429,
13.5097

■ 32.4585, 39.8467,
36.3286

■ 13.1854, 7.0812,
12.0835

■ 35.8080, 45.8547,
39.5754

■ 12.7213, 6.5232,
10.7874

■ 39.4642, 52.4470,
43.0144

■ 12.4102, 6.1941,
9.7803

■ 43.4350, 59.6389,
46.6492

■ 47.7279, 67.4452,
50.4834

Harmonies

Analogous

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



19.0182, 17.9848, 26.9990



20.0124, 17.9848, 22.8387



20.2007, 17.9848, 18.3256

Triad

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



20.0124, 17.9848, 22.8387



16.6493, 17.9848, 12.3212



14.8793, 17.9848, 25.3940

Complementary

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



20.0124, 17.9848, 22.8387



18.9302, 23.0730, 21.2263

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.



14.3234, 17.9848, 20.8954



20.0124, 17.9848, 22.8387



15.3042, 17.9848, 13.6660

Square

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



20.0124, 17.9848, 22.8387



18.1961, 17.9848, 12.6799



14.4741, 17.9848, 16.6513



16.0373, 17.9848, 28.6219

Rectangle

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



20.0124, 17.9848, 22.8387



19.8336, 17.9848, 15.7770



14.4741, 17.9848, 16.6513



14.6191, 17.9848, 23.9552

Sweetspot

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



20.0129, 17.9856, 22.8391



41.4200, 41.8264, 47.5200



17.8754, 16.7954, 26.7261



9.4936, 9.5498, 10.8921



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.



20.0129, 17.9856, 22.8391



34.2714, 29.5463, 38.9185



19.0974, 17.6194, 18.0181



5.1573, 5.0984, 5.9169



11.2091, 5.5938, 8.8713



0.0815, 0.0400, 0.0962

Inverse Universe

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



20.0129, 17.9856, 22.8391



34.2714, 29.5463, 38.9185



19.9131, 23.4662, 26.4020



5.1573, 5.0984, 5.9169



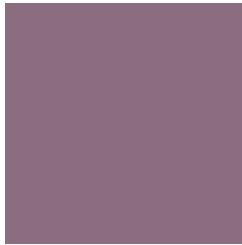
11.2091, 5.5938, 8.8713



0.0815, 0.0400, 0.0962

Previews

White Background



This preview shows how the XYZ color 20.0124, 17.9848, 22.8387 looks on a white 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

Black Background



This preview shows how the XYZ color 20.0124, 17.9848, 22.8387 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 20.0124, 17.9848, 22.8387

Background



This preview shows how black text looks on a background with the XYZ color 20.0124, 17.9848, 22.8387.



This preview shows how white text looks on a background with the XYZ color 20.0124, 17.9848,

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

20.0124, 17.9848, 22.8387

Protanopia

17.6652, 18.0609, 24.7453

Deuteranopia

18.3055, 17.9269, 22.5741



Tritanopia

19.4954, 18.1041, 19.9197

Trichromacy



Original Color

20.0124, 17.9848, 22.8387

Protanomaly

18.4262, 17.9584, 23.9679

Deuteranomaly

18.8309, 17.8665, 22.5348

Tritanomaly

19.5700, 17.9603, 20.8476

Monochromacy



Original Color

20.0124, 17.9848, 22.8387

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

18.5729, 18.4329, 21.3179

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.0124, 17.9848, 22.8387 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, 109, 128)` looks like.

```
.text, #text, p{  
    color:rgb(139, 109, 128)  
}
```

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, 109, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 109, 128) }
```

Border

The CSS property to change the border of an element to XYZ 20.0124, 17.9848, 22.8387 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, 109, 128) }
```


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

```
.border{ border-color:rgb(139, 109, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 109, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(139, 109, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(139, 109, 128); box-shadow:4px 4px 4px 4px rgb(139, 109, 128) }
```

Background

The CSS property to change the background color of an element to XYZ 20.0124, 17.9848, 22.8387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 109, 128) }
```

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

```
.background{ background-color: rgb(139,  
109, 128) }
```

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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