

Converting Colors

XYZ(20.8491, 19.5660, 21.4420)

Have a look what the booklet for
XYZ(20.8491, 19.5660, 21.4420)
contains.

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Color

**XYZ(20.8050, 19.5836,
21.4224)**

Conversions

Conversions Part 1

Format	Color
Hex	8D747B
RGB	141, 116, 123
RGB Percent	55%, 45%, 48%
CMY	0.4471, 0.5451, 0.5176
CMYK	0.00, 0.18, 0.13, 0.45
HSL	343°, 10%, 50%
HSV	343°, 18%, 55%
XYZ	20.8050, 19.5836, 21.4224
YIQ	124.2730, 12.6530, 7.4770

Conversions

Conversions Part 2

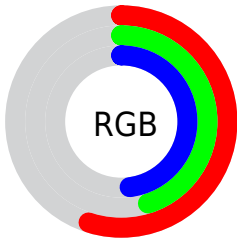
Format	Color
R_{YB}	141, 116, 123
Decimal	9270395
CIE _{Lab}	51.36, 10.97, -0.18
CIE _{LCh}	51, 10.976, 359.061
Yxy	19.5836, 0.3366, 0.3168
Android (android.graphics.Color)	4287460475 (0xFF8D747B)
YUV	124.2730, -0.6276, 14.6696
Hunter-Lab	44.2534, 6.4755, 2.2759

Details

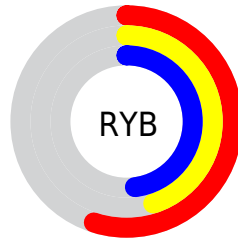
The XYZ color **20.8050, 19.5836, 21.4224** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.0311, 24.4843, 26.1728**, and the grayscale version is **19.2488, 20.2512, 22.0536**.

A 20% lighter version of the original color is **44.2462, 42.7025, 46.4678**, and **7.6175, 6.8528, 7.3998** is the 20% darker color. If you saturate the color by 10%, you get **18.6985, 16.3354, 17.7455**, and if you desaturate by 10%, it is **23.2252, 23.3533, 25.5297**.

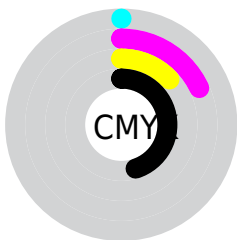
Distribution



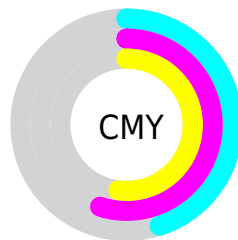
- Red (55%)
- Green (45%)
- Blue (48%)



- Red (55%)
- Yellow (45%)
- Blue (48%)



- Cyan (0%)
- Magenta (18%)
- Yellow (13%)
- Black (45%)



- Cyan (45%)
- Magenta (55%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.8050, 19.5836, 21.4224 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 20.8050, 19.5836, 21.4224 by changing the saturation by 10% instead.

■ 20.8050, 19.5836,
21.4224

■ 20.8050, 19.5836,
21.4224

248.9917,
249.6519, 272.3693

■ 13.0932, 12.0927,
13.2389

■ 44.2565, 42.7179,
46.6794

■ 7.5702, 6.8069,
7.4606

■ 60.7269, 59.1302,
64.5899

■ 3.8707, 3.3416,
3.6690

■ 80.8475, 79.2851,
86.5798

■ 1.6292, 1.3126,
1.4456

■ 104.9838,
103.5669, 113.0676

■ 0.4113, 0.1509,
0.1769

133.5009,
132.3601, 144.4720

■ 0.0000, 0.0000,
0.0000

166.7644,

166.0491, 181.2113

205.1396,
205.0182, 223.7042

■ 20.8050, 19.5836,
21.4224

■ 20.8050, 19.5836,
21.4224

■ 18.6985, 16.3354,
17.7455

■ 23.2252, 23.3533,
25.5297

■ 16.8910, 13.5832,
14.4834

■ 25.9699, 27.6635,
30.0795

■ 15.3691, 11.3030,
11.6215

■ 29.0511, 32.5354,
35.0854

■ 14.1175, 9.4682,
9.1439

■ 32.4800, 37.9881,
40.5596

■ 13.1196, 8.0491,
7.0335

■ 36.2669, 44.0401,
46.5141

■ 12.3569, 7.0126,
5.2716

■ 40.4222, 50.7088,
52.9603

■ 11.8080, 6.3204,
3.8381

■ 44.9553, 58.0112,
59.9093

■ 11.4332, 5.8978,
2.7054

■ 49.8757, 65.9633,
67.3719

■ 11.3585, 5.8123,
2.4837

■ 55.1923, 74.5808,
75.3585

Harmonies

Analogous

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



20.4835, 19.5836, 24.5847



20.8050, 19.5836, 21.4224



20.5204, 19.5836, 18.5194

Triad

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



20.8050, 19.5836, 21.4224



17.6070, 19.5836, 16.4634



17.5493, 19.5836, 26.9401

Complementary

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



20.8050, 19.5836, 21.4224



21.0311, 24.4843, 26.1728

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.



16.8288, 19.5836, 24.3966



20.8050, 19.5836, 21.4224



16.8612, 19.5836, 18.3637

Square

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



20.8050, 19.5836, 21.4224



18.6482, 19.5836, 15.8318



16.5818, 19.5836, 21.2243



18.5791, 19.5836, 27.9570

Rectangle

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



20.8050, 19.5836, 21.4224



20.0313, 19.5836, 17.0747



16.5818, 19.5836, 21.2243



17.2644, 19.5836, 26.2238

Sweetspot

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



20.8056, 19.5845, 21.4228



42.8236, 43.7496, 47.7771



20.8720, 19.4763, 27.8585



9.4994, 9.6692, 10.5621



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.



20.8056, 19.5845, 21.4228



35.7905, 32.8000, 35.8248



21.0256, 20.7007, 19.4116



5.4671, 5.4474, 5.9576



10.3630, 5.3022, 2.2968



0.1075, 0.0541, 0.0663

Inverse Universe

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



20.8056, 19.5845, 21.4228



35.7905, 32.8000, 35.8248



20.7564, 23.1278, 28.5694



5.4671, 5.4474, 5.9576



10.3630, 5.3022, 2.2968



0.1075, 0.0541, 0.0663

Previews

White Background



This preview shows how the XYZ color 20.8050, 19.5836, 21.4224 looks on a white background.

Color Contrast Check

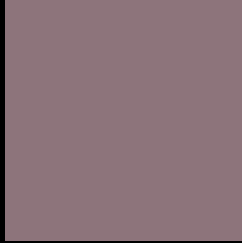
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.8050, 19.5836, 21.4224 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 20.8050, 19.5836, 21.4224

Background



This preview shows how black text looks on a background with the XYZ color 20.8050, 19.5836, 21.4224.



This preview shows how white text looks on a background with the XYZ color 20.8050, 19.5836,

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

20.8050, 19.5836, 21.4224

Protanopia

19.0376, 19.7105, 22.5398

Deuteranopia

20.0035, 19.6920, 21.4855



Tritanopia

20.9316, 19.6342, 22.0886

Trichromacy



Original Color

20.8050, 19.5836, 21.4224

Protanomaly

19.6241, 19.6594, 22.1624

Deuteranomaly

20.3701, 19.7053, 21.4688

Tritanomaly

20.8680, 19.6087, 21.7538

Monochromacy



Original Color

20.8050, 19.5836, 21.4224

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

19.6814, 19.8758, 21.8679

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.8050, 19.5836, 21.4224 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(141, 116, 123)` looks like.

```
.text, #text, p{  
    color:rgb(141, 116, 123)  
}
```

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(141, 116, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 116, 123) }
```

Border

The CSS property to change the border of an element to XYZ 20.8050, 19.5836, 21.4224 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(141, 116, 123) }
```


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

```
.border{ border-color:rgb(141, 116, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 116, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 116, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 116, 123);  
box-shadow:4px 4px 4px 4px rgb(141, 116,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 20.8050, 19.5836, 21.4224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 116, 123) }
```

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

```
.background{ background-color: rgb(141,  
116, 123) }
```

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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