

Converting Colors

XYZ(20.7777, 18.6123, 21.1114)

Have a look what the booklet for
XYZ(20.7777, 18.6123, 21.1114)
contains.

XYZ(20.8281, 18.6017, 21.2316)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(20.8281, 18.6017,
21.2316)**

Conversions

Conversions Part 1

Format	Color
Hex	916E7B
RGB	145, 110, 123
RGB Percent	57%, 43%, 48%
CMY	0.4314, 0.5686, 0.5176
CMYK	0.00, 0.24, 0.15, 0.43
HSL	338°, 14%, 50%
HSV	338°, 24%, 57%
XYZ	20.8281, 18.6017, 21.2316
YIQ	121.9470, 16.6870, 11.4630

Conversions

Conversions Part 2

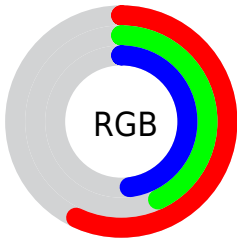
Format	Color
R_{YB}	145, 110, 123
Decimal	9531003
CIE _{Lab}	50.22, 16.02, -1.81
CIE _{LCh}	50, 16.124, 353.562
Yxy	18.6017, 0.3434, 0.3066
Android (android.graphics.Color)	4287721083 (0xFF916E7B)
YUV	121.9470, 0.5191, 20.2175
Hunter-Lab	43.1297, 10.7239, 1.0039

Details

The XYZ color **20.8281, 18.6017, 21.2316** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.7214, 25.2321, 25.6092**, and the grayscale version is **18.4764, 19.4386, 21.1686**.

A 20% lighter version of the original color is **44.2114, 41.0779, 46.1561**, and **7.5747, 6.3193, 7.2991** is the 20% darker color. If you saturate the color by 10%, you get **18.8456, 15.5076, 17.8855**, and if you desaturate by 10%, it is **23.1208, 22.2308, 24.9437**.

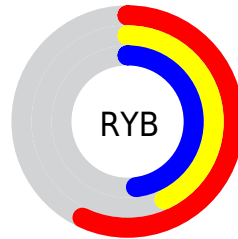
Distribution



Red (57%)

Green (43%)

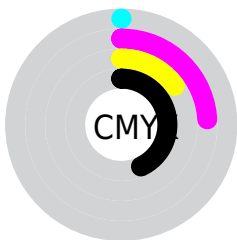
Blue (48%)



Red (57%)

Yellow (43%)

Blue (48%)

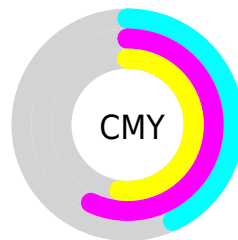


Cyan (0%)

Magenta (24%)

Yellow (15%)

Black (43%)



Cyan (43%)

Magenta (57%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.8281, 18.6017, 21.2316 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 20.8281, 18.6017, 21.2316 by changing the saturation by 10% instead.

■ 20.8281, 18.6017,
21.2316

■ 20.8281, 18.6017,
21.2316

249.1126,
244.2410, 271.3281

■ 13.1102, 11.3828,
13.1005

■ 44.2947, 41.0600,
46.3584

■ 7.5820, 6.3250,
7.3663

■ 60.7741, 57.0682,
64.1913

■ 3.8782, 3.0437,
3.6103

■ 80.9046, 76.7749,
86.0951

■ 1.6334, 1.1546,
1.4141

■ 105.0517,
100.5646, 112.4885

■ 0.4141, 0.0241,
0.1527

133.5807,
128.8217, 143.7899

■ 0.0000, 0.0000,
0.0000

166.8569,

161.9305, 180.4180

205.2458,
200.2755, 222.7912

■ 20.8281, 18.6017,
21.2316

■ 20.8281, 18.6017,
21.2316

■ 18.8456, 15.5076,
17.8855

■ 23.1208, 22.2308,
24.9437

■ 17.1578, 12.9204,
14.8924

■ 25.7352, 26.4161,
29.0319

■ 15.7504, 10.8135,
12.2405

■ 28.6839, 31.1807,
33.5071

■ 14.6068, 9.1567,
9.9163

■ 31.9785, 36.5457,
38.3796

■ 13.7091, 7.9163,
7.9057

■ 35.6301, 42.5311,
43.6592

■ 13.0364, 7.0539,
6.1931

■ 39.6491, 49.1560,
49.3553

■ 12.5639, 6.5222,
4.7610

■ 44.0456, 56.4387,
55.4772

■ 12.3394, 6.2847,
4.0343

■ 48.8294, 64.3966,
62.0337

■ 54.0096, 73.0467,
69.0333

Harmonies

Analogous

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



20.2022, 18.6017, 25.7905



20.8281, 18.6017, 21.2316



20.5716, 18.6017, 17.0138

Triad

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



20.8281, 18.6017, 21.2316



16.5094, 18.6017, 13.3625



15.9597, 18.6017, 27.9719

Complementary

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



20.8281, 18.6017, 21.2316



20.7214, 25.2321, 25.6092

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.



15.0736, 18.6017, 23.8817



20.8281, 18.6017, 21.2316



15.3777, 18.6017, 15.5728

Square

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



20.8281, 18.6017, 21.2316



18.0185, 18.6017, 12.8675



14.8669, 18.6017, 19.3071



17.3465, 18.6017, 30.0340

Rectangle

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



20.8281, 18.6017, 21.2316



19.9417, 18.6017, 14.8972



14.8669, 18.6017, 19.3071



15.5968, 18.6017, 26.7621

Sweetspot

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



20.8286, 18.6025, 21.2320



44.6163, 44.9434, 49.7155



20.1381, 18.0692, 29.2144



9.8730, 9.9141, 10.9782



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



20.8286, 18.6025, 21.2320



35.2916, 30.1674, 34.6658



20.5189, 19.1999, 17.3775



5.4865, 5.4551, 6.0601



10.5957, 5.3953, 3.5223



0.1113, 0.0556, 0.0864

Inverse Universe

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



20.8286, 18.6025, 21.2320



35.2916, 30.1674, 34.6658



21.0544, 24.3849, 30.3852



5.4865, 5.4551, 6.0601



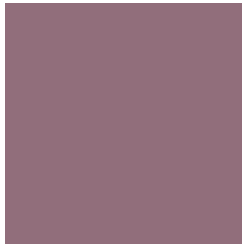
10.5957, 5.3953, 3.5223



0.1113, 0.0556, 0.0864

Previews

White Background



This preview shows how the XYZ color 20.8281, 18.6017, 21.2316 looks on a white background.

Color Contrast Check

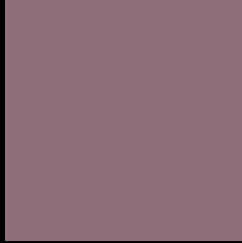
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.8281, 18.6017, 21.2316 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 20.8281, 18.6017, 21.2316

Background



This preview shows how black text looks on a background with the XYZ color 20.8281, 18.6017, 21.2316.



This preview shows how white text looks on a background with the XYZ color 20.8281, 18.6017,

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

20.8281, 18.6017, 21.2316

Protanopia

18.1009, 18.6741, 23.0725

Deuteranopia

18.9642, 18.6417, 21.0111



Tritanopia

20.6913, 18.7205, 19.9756

Trichromacy



Original Color

20.8281, 18.6017, 21.2316

Protanomaly

18.9134, 18.5863, 22.3293

Deuteranomaly

19.5218, 18.5907, 20.9718

Tritanomaly

20.7517, 18.7447, 20.2937

Monochromacy



Original Color

20.8281, 18.6017, 21.2316

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

19.1972, 19.1078, 21.0887

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.8281, 18.6017, 21.2316 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(145, 110, 123)` looks like.

```
.text, #text, p{  
    color:rgb(145, 110, 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(145, 110, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 110, 123) }
```

Border

The CSS property to change the border of an element to XYZ 20.8281, 18.6017, 21.2316 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(145, 110, 123) }
```


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

```
.border{ border-color:rgb(145, 110, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 110, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 110, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 110, 123);  
box-shadow:4px 4px 4px 4px rgb(145, 110,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 20.8281, 18.6017, 21.2316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 110, 123) }
```

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

```
.background{ background-color: rgb(145,  
110, 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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