

Converting Colors

XYZ(19.8412, 17.8259, 20.4038)

Have a look what the booklet for
XYZ(19.8412, 17.8259, 20.4038)
contains.

XYZ(19.7983, 17.7683, 20.4753)	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(19.7983, 17.7683,
20.4753)**

Conversions

Conversions Part 1

Format	Color
Hex	8D6C79
RGB	141, 108, 121
RGB Percent	55%, 42%, 47%
CMY	0.4471, 0.5765, 0.5255
CMYK	0.00, 0.23, 0.14, 0.45
HSL	336°, 13%, 49%
HSV	336°, 23%, 55%
XYZ	19.7983, 17.7683, 20.4753
YIQ	119.3490, 15.4950, 11.0390

Conversions

Conversions Part 2

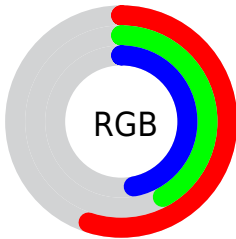
Format	Color
R_{YB}	141, 108, 121
Decimal	9268345
CIE _{Lab}	49.21, 15.30, -2.15
CIE _{LCh}	49, 15.447, 352.017
Yxy	17.7683, 0.3411, 0.3061
Android (android.graphics.Color)	4287458425 (0xFF8D6C79)
YUV	119.3490, 0.8139, 18.9879
Hunter-Lab	42.1525, 10.0716, 0.7070

Details

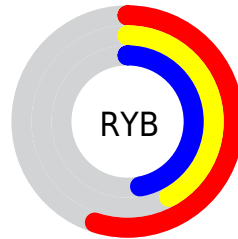
The XYZ color **19.7983, 17.7683, 20.4753** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **19.6063, 23.7970, 23.9832**, and the grayscale version is **17.6396, 18.5583, 20.2100**.

A 20% lighter version of the original color is **42.6193, 39.7608, 44.9635**, and **7.0349, 5.8864, 7.0687** is the 20% darker color. If you saturate the color by 10%, you get **17.9288, 14.8310, 17.3800**, and if you desaturate by 10%, it is **21.9558, 21.2068, 23.8961**.

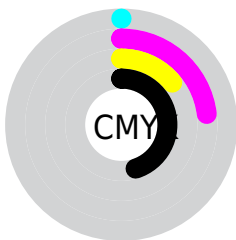
Distribution



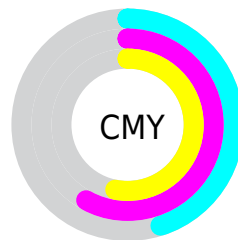
- Red (55%)
- Green (42%)
- Blue (47%)



- Red (55%)
- Yellow (42%)
- Blue (47%)



- Cyan (0%)
- Magenta (23%)
- Yellow (14%)
- Black (45%)



- Cyan (45%)
- Magenta (58%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.7983, 17.7683, 20.4753 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 19.7983, 17.7683, 20.4753 by changing the saturation by 10% instead.

■ 19.7983, 17.7683,
20.4753

■ 19.7983, 17.7683,
20.4753

243.6755,
239.5618, 267.1655

■ 12.3559, 10.7838,
12.5535

■ 42.5853, 39.6421,
45.0820

■ 7.0605, 5.9216,
6.9947

■ 58.6606, 55.3002,
62.6041

■ 3.5466, 2.7975,
3.3804

■ 78.3443, 74.6182,
84.1632

■ 1.4490, 1.0269,
1.2920

■ 102.0017, 97.9806,
110.1781

■ 0.2907, 0.0000,
0.0552

129.9982,
125.7718, 141.0673

■ 0.0000, 0.0000,
0.0000

162.6990,

158.3761, 177.2492

200.4697,
196.1780, 219.1424

■ 19.7983, 17.7683,
20.4753

■ 19.7983, 17.7683,
20.4753

■ 17.9288, 14.8310,
17.3800

■ 21.9558, 21.2068,
23.8961

■ 16.3330, 12.3689,
14.5989

■ 24.4117, 25.1662,
27.6510

■ 14.9976, 10.3574,
12.1217

■ 27.1777, 29.6678,
31.7496

■ 13.9078, 8.7686,
9.9369

■ 30.2645, 34.7312,
36.2008

■ 13.0468, 7.5714,
8.0323

■ 33.6821, 40.3751,
41.0130

■ 12.3959, 6.7304,
6.3945

■ 37.4403, 46.6170,
46.1945

■ 11.9327, 6.2036,
5.0085

■ 41.5483, 53.4741,
51.7532

■ 11.6873, 5.9438,
4.2138

■ 46.0150, 60.9625,
57.6968

■ 50.8489, 69.0979,
64.0328

Harmonies

Analogous

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



19.1792, 17.7683, 24.6806



19.7983, 17.7683, 20.4753



19.6032, 17.7683, 16.5087

Triad

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



19.7983, 17.7683, 20.4753



15.8658, 17.7683, 12.8558



15.2320, 17.7683, 26.3368

Complementary

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



19.7983, 17.7683, 20.4753



19.6063, 23.7970, 23.9832

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.



14.4363, 17.7683, 22.4926



19.7983, 17.7683, 20.4753



14.7874, 17.7683, 14.8425

Square

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



19.7983, 17.7683, 20.4753



17.2779, 17.7683, 12.4757



14.2783, 17.7683, 18.2603



16.5045, 17.7683, 28.3664

Rectangle

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



19.7983, 17.7683, 20.4753



19.0424, 17.7683, 14.4851



14.2783, 17.7683, 18.2603



14.9030, 17.7683, 25.1899

Sweetspot

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



19.7988, 17.7691, 20.4757



42.0045, 42.2988, 46.9266



19.0430, 17.2228, 27.5203



9.3341, 9.3705, 10.4084



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.



19.7988, 17.7691, 20.4757



33.6525, 28.9772, 33.7150



19.4092, 18.1807, 16.6745



5.4914, 5.4571, 6.0855



10.6638, 5.4226, 3.8811



0.1123, 0.0560, 0.0914

Inverse Universe

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



19.7988, 17.7691, 20.4757



33.6525, 28.9772, 33.7150



20.0382, 23.2028, 28.6221



5.4914, 5.4571, 6.0855



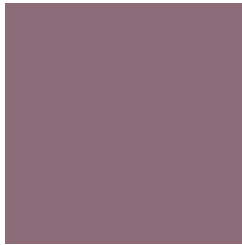
10.6638, 5.4226, 3.8811



0.1123, 0.0560, 0.0914

Previews

White Background



This preview shows how the XYZ color 19.7983, 17.7683, 20.4753 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 19.7983, 17.7683, 20.4753 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 19.7983, 17.7683, 20.4753

Background



This preview shows how black text looks on a background with the XYZ color 19.7983, 17.7683, 20.4753.



This preview shows how white text looks on a background with the XYZ color 19.7983, 17.7683,

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

19.7983, 17.7683, 20.4753

Protanopia

17.3474, 17.7790, 22.2561

Deuteranopia

18.1599, 17.9027, 20.2677



Tritanopia

19.6640, 17.8844, 19.2452

Trichromacy



Original Color

19.7983, 17.7683, 20.4753

Protanomaly

18.1474, 17.7011, 21.5290

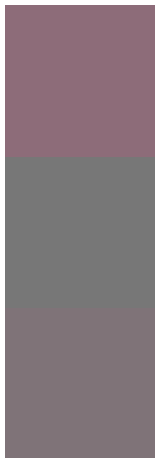
Deuteranomaly

18.7001, 17.8499, 20.2291

Tritanomaly

19.7232, 17.9080, 19.5566

Monochromacy



Original Color

19.7983, 17.7683, 20.4753

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

18.2733, 18.1296, 20.3055

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.7983, 17.7683, 20.4753 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, 108, 121)` looks like.

```
.text, #text, p{  
    color:rgb(141, 108, 121)  
}
```

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, 108, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 108, 121) }
```

Border

The CSS property to change the border of an element to XYZ 19.7983, 17.7683, 20.4753 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, 108, 121) }
```


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

```
.border{ border-color:rgb(141, 108, 121) }
```

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

Here you see how a box with a 4 pixel rgb(141, 108, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 108, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 108, 121);  
box-shadow:4px 4px 4px 4px rgb(141, 108,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 19.7983, 17.7683, 20.4753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 108, 121) }
```

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

```
.background{ background-color: rgb(141,  
108, 121) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor