

Converting Colors

XYZ(19.7265, 19.2631, 18.9532)

Have a look what the booklet for
XYZ(19.7265, 19.2631, 18.9532)
contains.

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Color

**XYZ(19.7723, 19.2787,
18.8987)**

Conversions

Conversions Part 1

Format	Color
Hex	897573
RGB	137, 117, 115
RGB Percent	54%, 46%, 45%
CMY	0.4627, 0.5412, 0.5490
CMYK	0.00, 0.15, 0.16, 0.46
HSL	5°, 9%, 49%
HSV	5°, 16%, 54%
XYZ	19.7723, 19.2787, 18.8987
YIQ	122.7520, 12.5620, 3.6180

Conversions

Conversions Part 2

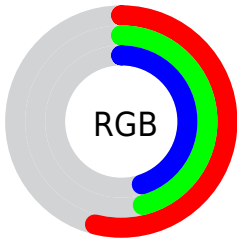
Format	Color
R_{YB}	137, 117, 115
Decimal	9008499
CIE Lab	51.01, 7.42, 3.97
CIE LCh	51, 8.416, 28.178
Yxy	19.2787, 0.3412, 0.3327
Android (android.graphics.Color)	4287198579 (0xFF897573)
YUV	122.7520, -3.8217, 12.4955
Hunter-Lab	43.9075, 3.5434, 5.2156

Details

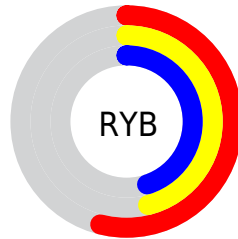
The XYZ color **19.7723, 19.2787, 18.8987** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **20.2494, 22.7785, 26.9965**, and the grayscale version is **18.7547, 19.7314, 21.4875**.

A 20% lighter version of the original color is **42.6489, 42.2423, 42.4650**, and **7.0717, 6.6877, 6.2283** is the 20% darker color. If you saturate the color by 10%, you get **17.6862, 16.2757, 14.5987**, and if you desaturate by 10%, it is **22.1697, 22.7164, 23.8810**.

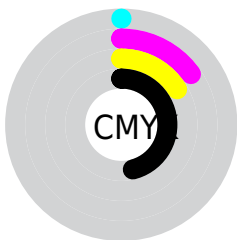
Distribution



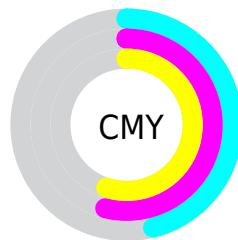
- Red (54%)
- Green (46%)
- Blue (45%)



- Red (54%)
- Yellow (46%)
- Blue (45%)



- Cyan (0%)
- Magenta (15%)
- Yellow (16%)
- Black (46%)



- Cyan (46%)
- Magenta (54%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.7723, 19.2787, 18.8987 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 19.7723, 19.2787, 18.8987 by changing the saturation by 10% instead.

■ 19.7723, 19.2787,
18.8987

■ 19.7723, 19.2787,
18.8987

243.5369,
247.9830, 258.2930

■ 12.3369, 11.8718,
11.4210

■ 42.5420, 42.2045,
42.3973

■ 7.0474, 6.6565,
6.2331

■ 58.6070, 58.4922,
59.2553

■ 3.5384, 3.2482,
2.9162

■ 78.2792, 78.5090,
80.0771

■ 1.4444, 1.2626,
1.0520

■ 101.9241,
102.6393, 105.2813

■ 0.2876, 0.1120,
0.0000

129.9070,
131.2675, 135.2865

■ 0.0000, 0.0000,
0.0000

162.5931,

164.7779, 170.5111

200.3480,
203.5549, 211.3738

■ 19.7723, 19.2787,
18.8987

■ 19.7723, 19.2787,
18.8987

■ 17.6862, 16.2757,
14.5987

■ 22.1697, 22.7164,
23.8810

■ 15.8971, 13.6875,
10.9501

■ 24.8888, 26.6025,
29.5723

■ 14.3920, 11.4968,
7.9216

■ 27.9414, 30.9532,
35.9992

■ 13.1561, 9.6838,
5.4786

■ 31.3384, 35.7831,
43.1867

■ 12.1734, 8.2272,
3.5832

■ 35.0901, 41.1062,
51.1585

■ 11.4264, 7.1033,
2.1931

■ 39.2063, 46.9360,
59.9374

■ 10.8950, 6.2858,
1.2597

■ 43.6965, 53.2855,
69.5452

■ 10.5526, 5.7430,
0.7074

■ 48.5699, 60.1670,
80.0028

■ 10.4538, 5.5929,
0.5286

■ 53.8353, 67.5926,
91.3304

Harmonies

Analogous

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



19.9718, 19.2787, 21.1374



19.7723, 19.2787, 18.8987



19.1814, 19.2787, 17.3297

Triad

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



19.7723, 19.2787, 18.8987



16.9963, 19.2787, 18.6642



18.2730, 19.2787, 25.9181

Complementary

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



19.7723, 19.2787, 18.8987



20.2494, 22.7785, 26.9965

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.



17.4922, 19.2787, 25.1352



19.7723, 19.2787, 18.8987



16.7691, 19.2787, 20.8457

Square

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



19.7723, 19.2787, 18.8987



17.5778, 19.2787, 17.2017



16.9479, 19.2787, 23.2328



19.0907, 19.2787, 25.3000

Rectangle

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



19.7723, 19.2787, 18.8987



18.6539, 19.2787, 16.8138



16.9479, 19.2787, 23.2328



17.9976, 19.2787, 25.8089

Sweetspot

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



19.7728, 19.2796, 18.8991



40.1380, 41.3053, 43.6770



20.8324, 19.3341, 25.6173



8.9401, 9.1749, 9.6657



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



19.7728, 19.2796, 18.8991



34.0924, 32.6328, 31.1225



21.1087, 21.9513, 19.3444



5.0671, 5.1171, 5.2730



9.7421, 5.2187, 0.4938



0.0689, 0.0430, 0.0047

Inverse Universe

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



20.2494, 22.7785, 26.9965



35.1007, 40.0376, 48.2612



18.8144, 19.9083, 26.5181



5.1346, 5.6121, 6.4185



10.9865, 15.2434, 24.4089



0.0783, 0.1118, 0.1639

Previews

White Background



This preview shows how the XYZ color 19.7723, 19.2787, 18.8987 looks on a white background.

Color Contrast Check

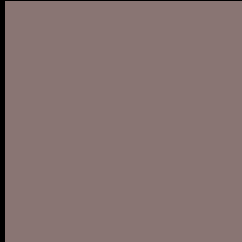
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.7723, 19.2787, 18.8987 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 19.7723, 19.2787, 18.8987

Background



This preview shows how black text looks on a background with the XYZ color 19.7723, 19.2787, 18.8987.

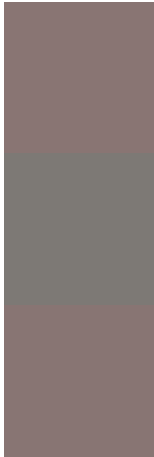


This preview shows how white text looks on a background with the XYZ color 19.7723, 19.2787,

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

19.7723, 19.2787, 18.8987

Protanopia

18.5057, 19.3191, 19.5832

Deuteranopia

19.6091, 19.1946, 18.8911



Tritanopia

20.4283, 19.3747, 22.0650

Trichromacy



Original Color

19.7723, 19.2787, 18.8987

Protanomaly

18.9221, 19.3610, 19.2627

Deuteranomaly

19.6091, 19.1946, 18.8911

Tritanomaly

20.1778, 19.2745, 20.7460

Monochromacy



Original Color

19.7723, 19.2787, 18.8987

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

19.1296, 19.6200, 20.5481

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.7723, 19.2787, 18.8987 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(137, 117, 115)` looks like.

```
.text, #text, p{  
    color:rgb(137, 117, 115)  
}
```

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(137, 117, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 117, 115) }
```

Border

The CSS property to change the border of an element to XYZ 19.7723, 19.2787, 18.8987 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(137, 117, 115) }
```


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

```
.border{ border-color:rgb(137, 117, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 117, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 117, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 117, 115);  
box-shadow:4px 4px 4px 4px rgb(137, 117,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 19.7723, 19.2787, 18.8987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 117, 115) }
```

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

```
.background{ background-color: rgb(137,  
117, 115) }
```

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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