

Converting Colors

XYZ(19.7062, 19.9580, 18.7332)

Have a look what the booklet for
XYZ(19.7062, 19.9580, 18.7332)
contains.

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Color

**XYZ(19.7062, 19.9580,
18.7332)**

Conversions

Conversions Part 1

Format	Color
Hex	867972
RGB	134, 121, 114
RGB Percent	53%, 47%, 45%
CMY	0.4745, 0.5255, 0.5529
CMYK	0.00, 0.10, 0.15, 0.47
HSL	21°, 8%, 49%
HSV	21°, 15%, 53%
XYZ	19.7062, 19.9580, 18.7332
YIQ	124.0890, 9.9950, 0.5790

Conversions

Conversions Part 2

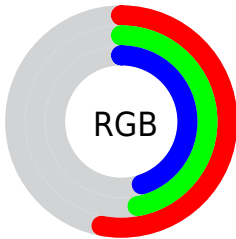
Format	Color
R_{YB}	134, 125, 114
Decimal	8812914
CIE Lab	51.79, 3.73, 5.64
CIE LCh	52, 6.766, 56.499
Yxy	19.9580, 0.3374, 0.3418
Android (android.graphics.Color)	4287002994 (0xFF867972)
YUV	124.0890, -4.9739, 8.6919
Hunter-Lab	44.6744, 0.5575, 6.4101

Details

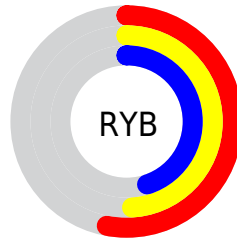
The XYZ color **19.7062, 19.9580, 18.7332** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.8318, 20.4770, 25.5145**, and the grayscale version is **19.2020, 20.2020, 22.0000**.

A 20% lighter version of the original color is **42.3200, 43.2051, 42.1853**, and **7.0221, 7.0433, 6.1436** is the 20% darker color. If you saturate the color by 10%, you get **17.9879, 17.6537, 14.6690**, and if you desaturate by 10%, it is **21.6329, 22.4999, 23.4187**.

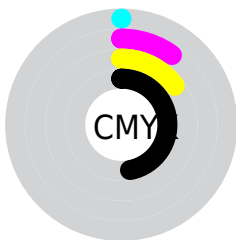
Distribution



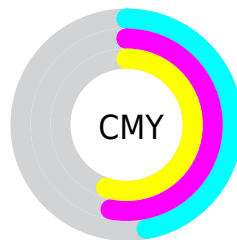
- Red (53%)
- Green (47%)
- Blue (45%)



- Red (53%)
- Yellow (49%)
- Blue (45%)



- Cyan (0%)
- Magenta (10%)
- Yellow (15%)
- Black (47%)



- Cyan (47%)
- Magenta (53%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.7062, 19.9580, 18.7332 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 19.7062, 19.9580, 18.7332 by changing the saturation by 10% instead.

■ 19.7062, 19.9580,
18.7332

■ 19.7062, 19.9580,
18.7332

243.1841,
251.6877, 257.3453

■ 12.2887, 12.3645,
11.3028

■ 42.4318, 43.3468,
42.1135

■ 7.0142, 6.9924,
6.1542

■ 58.4705, 59.9108,
58.9004

■ 3.5174, 3.4574,
2.8687

■ 78.1137, 80.2339,
79.6433

■ 1.4329, 1.3749,
1.0280

■ 101.7268,
104.7003, 104.7606

■ 0.2795, 0.1981,
0.0000

129.6750,
133.6945, 134.6709

■ 0.0000, 0.0000,
0.0000

162.3237,

167.6009, 169.7928

200.0383,
206.8038, 210.5448

■ 19.7062, 19.9580,
18.7332

■ 19.7062, 19.9580,
18.7332

■ 17.9879, 17.6537,
14.6690

■ 21.6329, 22.4999,
23.4187

■ 16.4690, 15.5774,
11.1986

■ 23.7734, 25.2833,
28.7489

■ 15.1422, 13.7226,
8.2940

■ 26.1349, 28.3156,
34.7477

■ 13.9993, 12.0816,
5.9248

■ 28.7235, 31.6029,
41.4374

■ 13.0310, 10.6462,
4.0575

■ 31.5455, 35.1511,
48.8390

■ 12.2276, 9.4075,
2.6547

■ 34.6067, 38.9660,
56.9728

■ 11.5779, 8.3560,
1.6739

■ 37.9126, 43.0530,
65.8584

■ 11.0675, 7.4805,
1.0558

■ 41.4687, 47.4176,
75.5143

■ 10.8449, 7.0948,
0.7978

■ 45.2802, 52.0649,
85.9588

Harmonies

Analogous

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



20.1735, 19.9580, 20.0901



19.7062, 19.9580, 18.7332



19.0501, 19.9580, 18.1773

Triad

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



19.7062, 19.9580, 18.7332



17.6843, 19.9580, 21.5012



19.5636, 19.9580, 25.2865

Complementary

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



19.7062, 19.9580, 18.7332



18.8318, 20.4770, 25.5145

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.



18.8891, 19.9580, 25.7198



19.7062, 19.9580, 18.7332



17.8144, 19.9580, 23.4587

Square

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



19.7062, 19.9580, 18.7332



17.8917, 19.9580, 19.7136



18.2514, 19.9580, 25.0324



20.0897, 19.9580, 23.8813

Rectangle

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



19.7062, 19.9580, 18.7332



18.5977, 19.9580, 18.3093



18.2514, 19.9580, 25.0324



19.3462, 19.9580, 25.5542

Sweetspot

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



19.7067, 19.9589, 18.7336



38.4157, 40.0361, 42.0030



19.6799, 18.6355, 22.6387



8.6007, 8.9491, 9.3297



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



19.7067, 19.9589, 18.7336



33.6290, 33.7091, 30.3993



20.9854, 22.5162, 19.1598



4.7961, 4.9358, 4.9293



10.1725, 6.6675, 0.7508



0.0416, 0.0358, 0.0047

Inverse Universe

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



18.8318, 20.4770, 25.5145



31.7728, 34.8073, 44.7823



17.6041, 18.0215, 25.1052



4.6680, 5.0117, 5.9221



7.2432, 8.0341, 22.3057



0.0320, 0.0416, 0.0796

Previews

White Background



This preview shows how the XYZ color 19.7062, 19.9580, 18.7332 looks on a white background.

Color Contrast Check

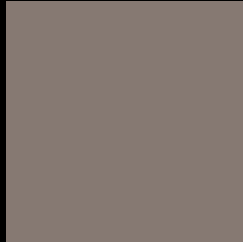
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.7062, 19.9580, 18.7332 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

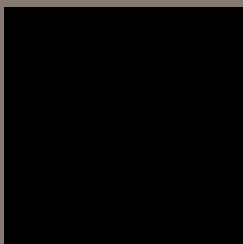
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

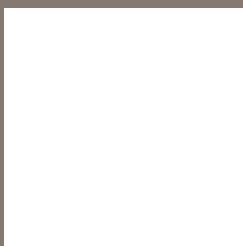
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.7062, 19.9580, 18.7332

Background



This preview shows how black text looks on a background with the XYZ color 19.7062, 19.9580, 18.7332.

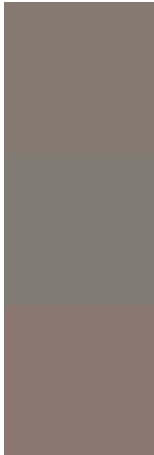


This preview shows how white text looks on a background with the XYZ color 19.7062, 19.9580,

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

19.7062, 19.9580, 18.7332

Protanopia

19.0796, 19.9929, 19.0731

Deuteranopia

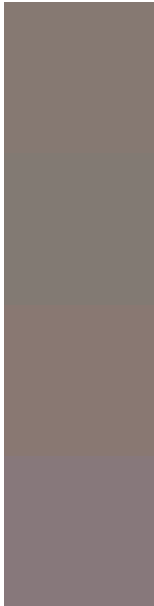
20.2815, 19.8975, 18.6912



Tritanopia

20.6465, 19.9864, 23.1917

Trichromacy



Original Color

19.7062, 19.9580, 18.7332

Protanomaly

19.2600, 19.9027, 19.0462

Deuteranomaly

20.0703, 19.9662, 18.7156

Tritanomaly

20.2833, 20.0139, 21.5329

Monochromacy



Original Color

19.7062, 19.9580, 18.7332

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

19.3752, 20.1112, 20.6300

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.7062, 19.9580, 18.7332 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(134, 121, 114)` looks like.

```
.text, #text, p{  
    color:rgb(134, 121, 114)  
}
```

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(134, 121, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 121, 114) }
```

Border

The CSS property to change the border of an element to XYZ 19.7062, 19.9580, 18.7332 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(134, 121, 114) }
```


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

```
.border{ border-color:rgb(134, 121, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 121, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 121, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 121, 114);  
box-shadow:4px 4px 4px 4px rgb(134, 121,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 19.7062, 19.9580, 18.7332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 121, 114) }
```

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

```
.background{ background-color: rgb(134,  
121, 114) }
```

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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