

Converting Colors

XYZ(19.9615, 20.9160, 18.9681)

Have a look what the booklet for
XYZ(19.9615, 20.9160, 18.9681)
contains.

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Color

**XYZ(19.8866, 20.7877,
18.8839)**

Conversions

Conversions Part 1

Format	Color
Hex	847D72
RGB	132, 125, 114
RGB Percent	52%, 49%, 45%
CMY	0.4824, 0.5098, 0.5529
CMYK	0.00, 0.05, 0.14, 0.48
HSL	37°, 7%, 48%
HSV	37°, 14%, 52%
XYZ	19.8866, 20.7877, 18.8839
YIQ	125.8390, 7.7030, -1.9370

Conversions

Conversions Part 2

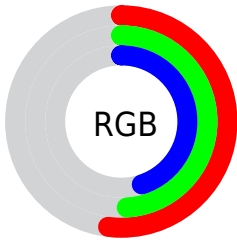
Format	Color
RYB	125, 132, 114
Decimal	8682866
CIELab	52.72, 0.64, 6.94
CIElCh	53, 6.972, 84.727
Yxy	20.7877, 0.3339, 0.3490
Android (android.graphics.Color)	4286872946 (0xFF847D72)
YUV	125.8390, -5.8366, 5.4032
Hunter-Lab	45.5935, -1.9321, 7.3588

Details

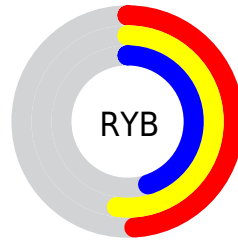
The XYZ color **19.8866, 20.7877, 18.8839** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.9416, 18.9177, 24.5358**, and the grayscale version is **19.7944, 20.8252, 22.6786**.

A 20% lighter version of the original color is **42.8109, 44.9083, 42.4882**, and **7.0475, 7.3561, 6.2027** is the 20% darker color. If you saturate the color by 10%, you get **18.5561, 19.2435, 14.9972**, and if you desaturate by 10%, it is **21.3602, 22.4443, 23.3538**.

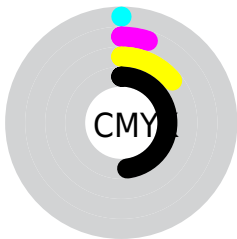
Distribution



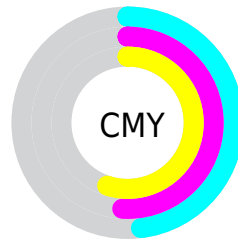
- Red (52%)
- Green (49%)
- Blue (45%)



- Red (49%)
- Yellow (52%)
- Blue (45%)



- Cyan (0%)
- Magenta (5%)
- Yellow (14%)
- Black (48%)



- Cyan (48%)
- Magenta (51%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.8866, 20.7877, 18.8839 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 19.8866, 20.7877, 18.8839 by changing the saturation by 10% instead.

■ 19.8866, 20.7877,
18.8839

■ 19.8866, 20.7877,
18.8839

244.1458,
256.1481, 258.2084

■ 12.4204, 12.9689,
11.4105

■ 42.7324, 44.7339,
42.3719

■ 7.1049, 7.4071,
6.2260

■ 58.8427, 61.6302,
59.2236

■ 3.5747, 3.7180,
2.9120

■ 78.5651, 82.3210,
80.0383

■ 1.4645, 1.5171,
1.0499

■ 102.2649,
107.1909, 105.2348

■ 0.3015, 0.3007,
0.0000

130.3076,
136.6241, 135.2315

■ 0.0000, 0.0000,
0.0000

163.0584,

171.0051, 170.4470

200.8827,
210.7183, 211.2998

■ 19.8866, 20.7877,
18.8839

■ 19.8866, 20.7877,
18.8839

■ 18.5561, 19.2435,
14.9972

■ 21.3602, 22.4443,
23.3538

■ 17.3620, 17.8060,
11.6679

■ 22.9802, 24.2131,
28.4287

■ 16.2993, 16.4732,
8.8702

■ 24.7516, 26.0979,
34.1308

■ 15.3621, 15.2419,
6.5756

■ 26.6788, 28.1009,
40.4808

■ 14.5441, 14.1086,
4.7531

■ 28.7660, 30.2247,
47.4985

■ 13.8382, 13.0696,
3.3680

■ 31.0173, 32.4716,
55.2028

■ 13.2362, 12.1209,
2.3810

■ 33.4365, 34.8439,
63.6117

■ 12.7285, 11.2574,
1.7433

■ 36.0272, 37.3436,
72.7429

■ 12.4351, 10.7442,
1.4184

■ 38.7932, 39.9730,
82.6131

Harmonies

Analogous

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



20.5748, 20.7877, 19.5262



19.8866, 20.7877, 18.8839



19.1802, 20.7877, 19.1953

Triad

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



19.8866, 20.7877, 18.8839



18.5177, 20.7877, 24.3472



20.9192, 20.7877, 25.0211

Complementary

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



19.8866, 20.7877, 18.8839



17.9416, 18.9177, 24.5358

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.



20.3475, 20.7877, 26.4613



19.8866, 20.7877, 18.8839



18.9633, 20.7877, 26.0558

Square

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



19.8866, 20.7877, 18.8839



18.4011, 20.7877, 22.2690



19.6301, 20.7877, 26.8510



21.1802, 20.7877, 23.0035

Rectangle

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



19.8866, 20.7877, 18.8839



18.7924, 20.7877, 19.9123



19.6301, 20.7877, 26.8510



20.7563, 20.7877, 25.5936

Sweetspot

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



19.8872, 20.7886, 18.8843



37.5026, 39.3987, 40.7577



18.9967, 18.3258, 20.6898



8.6891, 9.1259, 9.3592



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.



19.8872, 20.7886, 18.8843



34.3685, 35.8591, 31.3013



20.5253, 22.4793, 19.1770



4.8917, 5.1271, 4.9612



12.0455, 10.4135, 1.3751



0.0488, 0.0503, 0.0071

Inverse Universe

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



17.9416, 18.9177, 24.5358



30.3321, 31.9777, 43.0268



17.3583, 17.4002, 24.2736



4.5719, 4.8195, 5.8900



5.1971, 3.9419, 21.6236



0.0247, 0.0271, 0.0772

Previews

White Background



This preview shows how the XYZ color 19.8866, 20.7877, 18.8839 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 19.8866, 20.7877, 18.8839 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

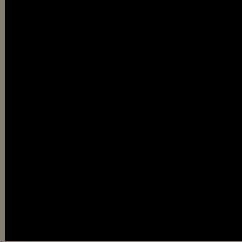
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 19.8866, 20.7877, 18.8839

Background



This preview shows how black text looks on a background with the XYZ color 19.8866, 20.7877, 18.8839.



This preview shows how white text looks on a background with the XYZ color 19.8866, 20.7877,

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

19.8866, 20.7877, 18.8839

Protanopia

19.7310, 20.7074, 18.8766

Deuteranopia

21.0872, 20.6633, 19.0967



Tritanopia

20.9559, 20.6533, 24.7118

Trichromacy



Original Color

19.8866, 20.7877, 18.8839

Protanomaly

19.7310, 20.7074, 18.8766

Deuteranomaly

20.5353, 20.5601, 19.1058

Tritanomaly

20.4575, 20.6331, 22.3064

Monochromacy



Original Color

19.8866, 20.7877, 18.8839

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

19.8758, 20.9160, 21.4020

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.8866, 20.7877, 18.8839 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(132, 125, 114)` looks like.

```
.text, #text, p{  
    color:rgb(132, 125, 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(132, 125, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 125, 114) }
```

Border

The CSS property to change the border of an element to XYZ 19.8866, 20.7877, 18.8839 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(132, 125, 114) }
```


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

```
.border{ border-color:rgb(132, 125, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 125, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 125, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 125, 114);  
box-shadow:4px 4px 4px 4px rgb(132, 125,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 19.8866, 20.7877, 18.8839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 125, 114) }
```

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

```
.background{ background-color: rgb(132,  
125, 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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