

Converting Colors

XYZ(19.1342, 20.8657, 19.5756)

Have a look what the booklet for
XYZ(19.1342, 20.8657, 19.5756)
contains.

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Color

**XYZ(19.1837, 20.9844,
19.5623)**

Conversions

Conversions Part 1

Format	Color
Hex	7C8074
RGB	124, 128, 116
RGB Percent	49%, 50%, 45%
CMY	0.5137, 0.4980, 0.5451
CMYK	0.03, 0.00, 0.09, 0.50
HSL	80°, 5%, 48%
HSV	80°, 9%, 50%
XYZ	19.1837, 20.9844, 19.5623
YIQ	125.4360, 1.4680, -4.5800

Conversions

Conversions Part 2

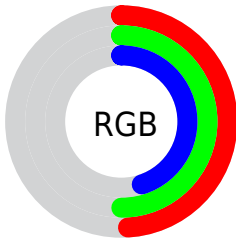
Format	Color
R_{YB}	116, 128, 120
Decimal	8159348
CIE Lab	52.93, -3.83, 6.00
CIE LCh	53, 7.114, 122.571
Yxy	20.9844, 0.3212, 0.3513
Android (android.graphics.Color)	4286349428 (0xFF7C8074)
YUV	125.4360, -4.6519, -1.2594
Hunter-Lab	45.8087, -5.4134, 6.7467

Details

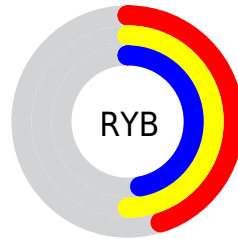
The XYZ color **19.1837, 20.9844, 19.5623** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.8883, 18.0430, 22.9631**, and the grayscale version is **19.6554, 20.6790, 22.5194**.

A 20% lighter version of the original color is **41.7232, 45.2220, 43.5755**, and **6.7410, 7.5052, 6.5622** is the 20% darker color. If you saturate the color by 10%, you get **17.8864, 20.3964, 15.8790**, and if you desaturate by 10%, it is **20.6116, 21.6291, 23.7882**.

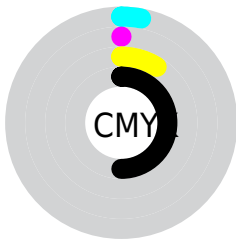
Distribution



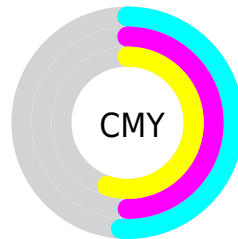
- Red (49%)
- Green (50%)
- Blue (45%)



- Red (45%)
- Yellow (50%)
- Blue (47%)



- Cyan (3%)
- Magenta (0%)
- Yellow (9%)
- Black (50%)



- Cyan (51%)
- Magenta (50%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.1837, 20.9844, 19.5623 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 19.1837, 20.9844, 19.5623 by changing the saturation by 10% instead.

■ 19.1837, 20.9844,
19.5623

■ 19.1837, 20.9844,
19.5623

240.3797,
257.1956, 262.0610

■ 11.9079, 13.1126,
11.8964

■ 41.5588, 45.0616,
43.5314

■ 6.7527, 7.5061,
6.5515

■ 57.3887, 62.0357,
60.6717

■ 3.3529, 3.7806,
3.1091

■ 76.8007, 82.8128,
81.8071

■ 1.3430, 1.5516,
1.1506

100.1602,
107.7772, 107.3563

■ 0.2151, 0.3246,
0.0000

127.8325,
137.3132, 137.7377

■ 0.0000, 0.0000,
0.0000

160.1829,

171.8054, 173.3699

197.5769,
211.6380, 214.6715

■ 19.1837, 20.9844,
19.5623

■ 19.1837, 20.9844,
19.5623

■ 17.8864, 20.3964,
15.8790

■ 20.6116, 21.6291,
23.7882

■ 16.7133, 19.8605,
12.7150

■ 22.1724, 22.3294,
28.5761

■ 15.6602, 19.3756,
10.0472

■ 23.8710, 23.0879,
33.9460

■ 14.7221, 18.9396,
7.8504

■ 25.7111, 23.9062,
39.9166

■ 13.8933, 18.5503,
6.0970

■ 27.6963, 24.7859,
46.5059

■ 13.1677, 18.2052,
4.7567

■ 29.8304, 25.7283,
53.7308

■ 12.5385, 17.9014,
3.7953

■ 32.1166, 26.7350,
61.6079

■ 11.9977, 17.6358,
3.1730

■ 34.5584, 27.8071,
70.1529

■ 11.5229, 17.3994,
2.7740

■ 37.1588, 28.9461,
79.3812

Harmonies

Analogous

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



19.8808, 20.9844, 18.9899



19.1837, 20.9844, 19.5623



18.7003, 20.9844, 21.0101

Triad

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



19.1837, 20.9844, 19.5623



19.2924, 20.9844, 26.6870



21.4107, 20.9844, 22.6649

Complementary

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



19.1837, 20.9844, 19.5623



17.8883, 18.0430, 22.9631

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.



21.2438, 20.9844, 24.7910



19.1837, 20.9844, 19.5623



20.0094, 20.9844, 27.1972

Square

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



19.1837, 20.9844, 19.5623



18.7619, 20.9844, 25.1292



20.7263, 20.9844, 26.4834



21.1769, 20.9844, 20.7101

Rectangle

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



19.1837, 20.9844, 19.5623



18.5579, 20.9844, 22.3220



20.7263, 20.9844, 26.4834



21.3996, 20.9844, 23.3831

Sweetspot

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



19.1843, 20.9853, 19.5628



35.3330, 37.6493, 39.0202



18.7717, 19.2838, 19.2561



8.2288, 8.7950, 9.0061



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



19.1843, 20.9853, 19.5628



33.3291, 36.7440, 33.1528



18.3435, 20.5519, 19.5234



4.5303, 4.9498, 4.6368



11.3982, 17.2384, 2.7266



0.0000, 0.0000, 0.0000

Inverse Universe

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



17.8883, 18.0430, 22.9631



30.6245, 30.6035, 40.2492



18.7466, 18.4855, 23.0032



4.2335, 4.2760, 5.4155



4.8399, 2.0488, 20.3903



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 19.1837, 20.9844, 19.5623 looks on a white background.

Color Contrast Check

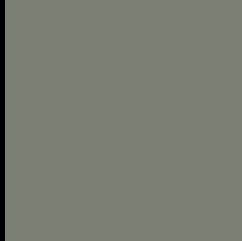
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.1837, 20.9844, 19.5623 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

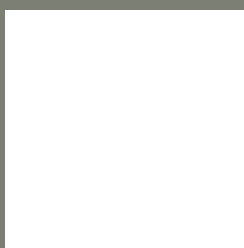
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.1837, 20.9844, 19.5623

Background



This preview shows how black text looks on a background with the XYZ color 19.1837, 20.9844, 19.5623.



This preview shows how white text looks on a background with the XYZ color 19.1837, 20.9844,

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

19.1837, 20.9844, 19.5623

Protanopia

19.9154, 20.9848, 19.2205

Deuteranopia

21.3257, 20.9542, 19.7502



Tritanopia

20.4592, 20.9285, 25.8830

Trichromacy



Original Color

19.1837, 20.9844, 19.5623

Protanomaly

19.5860, 21.0057, 19.2419

Deuteranomaly

20.4102, 20.8506, 19.7784

Tritanomaly

19.9613, 20.9158, 23.4072

Monochromacy



Original Color

19.1837, 20.9844, 19.5623

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

19.4312, 20.6868, 21.3812

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.1837, 20.9844, 19.5623 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(124, 128, 116)` looks like.

```
.text, #text, p{  
    color:rgb(124, 128, 116)  
}
```

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(124, 128, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 128, 116) }
```

Border

The CSS property to change the border of an element to XYZ 19.1837, 20.9844, 19.5623 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(124, 128, 116) }
```


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

```
.border{ border-color:rgb(124, 128, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 128, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 128, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 128, 116);  
box-shadow:4px 4px 4px 4px rgb(124, 128,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 19.1837, 20.9844, 19.5623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 128, 116) }
```

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

```
.background{ background-color: rgb(124,  
128, 116) }
```

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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