

Converting Colors

XYZ(19.1808, 20.3219, 14.9682)

Have a look what the booklet for
XYZ(19.1808, 20.3219, 14.9682)
contains.

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Color

**XYZ(19.1808, 20.3219,
14.9682)**

Conversions

Conversions Part 1

Format	Color
Hex	857C64
RGB	133, 124, 100
RGB Percent	52%, 49%, 39%
CMY	0.4784, 0.5137, 0.6078
CMYK	0.00, 0.07, 0.25, 0.48
HSL	44°, 14%, 46%
HSV	44°, 25%, 52%
XYZ	19.1808, 20.3219, 14.9682
YIQ	123.9550, 13.0680, -5.5560

Conversions

Conversions Part 2

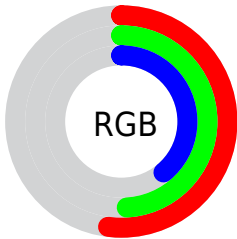
Format	Color
R_{YB}	112, 133, 100
Decimal	8748132
CIE Lab	52.20, -0.68, 14.36
CIE LCh	52, 14.381, 92.727
Yxy	20.3219, 0.3521, 0.3731
Android (android.graphics.Color)	4286938212 (0xFF857C64)
YUV	123.9550, -11.8098, 7.9325
Hunter-Lab	45.0798, -2.9406, 11.8694

Details

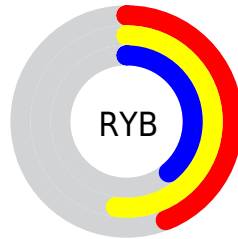
The XYZ color **19.1808, 20.3219, 14.9682** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.9579, 15.3399, 24.3631**, and the grayscale version is **19.1786, 20.1774, 21.9732**.

A 20% lighter version of the original color is **41.3609, 43.7241, 35.5378**, and **6.7260, 7.1282, 4.3895** is the 20% darker color. If you saturate the color by 10%, you get **18.1430, 19.1936, 11.7014**, and if you desaturate by 10%, it is **20.3415, 21.5275, 18.7950**.

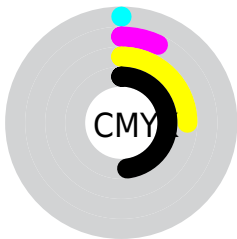
Distribution



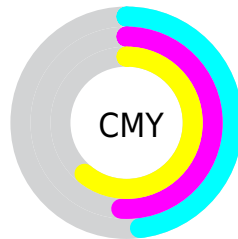
- Red (52%)
- Green (49%)
- Blue (39%)



- Red (44%)
- Yellow (52%)
- Blue (39%)



- Cyan (0%)
- Magenta (7%)
- Yellow (25%)
- Black (48%)



- Cyan (48%)
- Magenta (51%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.1808, 20.3219, 14.9682 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 19.1808, 20.3219, 14.9682 by changing the saturation by 10% instead.

■ 19.1808, 20.3219,
14.9682

■ 19.1808, 20.3219,
14.9682

240.3641,
253.6525, 234.8078

■ 11.9058, 12.6293,
8.6507

■ 41.5539, 43.9562,
35.5389

■ 6.7513, 7.1737,
4.4204

■ 57.3827, 60.6667,
50.6292

■ 3.3520, 3.5710,
1.8587

■ 76.7934, 81.1519,
69.4808

■ 1.3425, 1.4366,
0.4662

■ 100.1515,
105.7962, 92.5123

■ 0.2147, 0.2435,
0.0000

127.8222,
134.9840, 120.1422

■ 0.0000, 0.0000,
0.0000

160.1710,

169.0997, 152.7890

197.5632,
208.5277, 190.8714

■ 19.1808, 20.3219,
14.9682

■ 19.1808, 20.3219,
14.9682

■ 18.1430, 19.1936,
11.7014

■ 20.3415, 21.5275,
18.7950

■ 17.2212, 18.1375,
8.9665

■ 21.6285, 22.8100,
23.2055

■ 16.4102, 17.1519,
6.7347

■ 23.0469, 24.1722,
28.2239

■ 15.7039, 16.2340,
4.9741

■ 24.6010, 25.6164,
33.8722

■ 15.0953, 15.3808,
3.6491

■ 26.2951, 27.1444,
40.1716

■ 14.5765, 14.5888,
2.7189

■ 28.1331, 28.7581,
47.1422

■ 14.1366, 13.8533,
2.1270

■ 30.1189, 30.4592,
54.8034

■ 13.9234, 13.4875,
1.8695

■ 32.2560, 32.2495,
63.1734

■ 34.5480, 34.1306,
72.2703

Harmonies

Analogous

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



20.6436, 20.3219, 15.6672



19.1808, 20.3219, 14.9682



17.8230, 20.3219, 15.9760

Triad

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



19.1808, 20.3219, 14.9682



17.0274, 20.3219, 26.8128



21.9461, 20.3219, 26.0595

Complementary

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



19.1808, 20.3219, 14.9682



14.9579, 15.3399, 24.3631

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.



20.8888, 20.3219, 29.6835



19.1808, 20.3219, 14.9682



18.0453, 20.3219, 30.1558

Square

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



19.1808, 20.3219, 14.9682



16.6200, 20.3219, 22.5156



19.4505, 20.3219, 31.2672



22.2875, 20.3219, 21.7431

Rectangle

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



19.1808, 20.3219, 14.9682



17.1463, 20.3219, 17.5657



19.4505, 20.3219, 31.2672



21.6600, 20.3219, 27.4168

Sweetspot

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



19.1813, 20.3228, 14.9686



38.1700, 40.2958, 39.6056



17.0095, 15.2129, 16.6072



8.5753, 9.0545, 8.8395



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.



19.1813, 20.3228, 14.9686



33.2321, 35.1905, 23.2525



19.2701, 22.1197, 15.3108



4.9352, 5.2140, 4.9757



13.2690, 12.8607, 1.7830



0.0521, 0.0567, 0.0082

Inverse Universe

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



14.9579, 15.3399, 24.3631



24.2630, 24.6108, 43.2100



14.8726, 13.9432, 24.0980



4.5302, 4.7360, 5.8761



4.6473, 2.8423, 21.4404



0.0215, 0.0207, 0.0761

Previews

White Background



This preview shows how the XYZ color 19.1808, 20.3219, 14.9682 looks on a white background.

Color Contrast Check

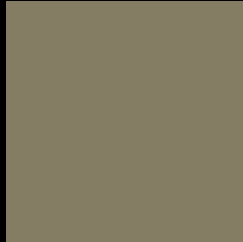
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.1808, 20.3219, 14.9682 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 19.1808, 20.3219, 14.9682

Background



This preview shows how black text looks on a background with the XYZ color 19.1808, 20.3219, 14.9682.



This preview shows how white text looks on a background with the XYZ color 19.1808, 20.3219,

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

19.1808, 20.3219, 14.9682

Protanopia

19.0236, 20.2409, 14.9608

Deuteranopia

20.7425, 20.3923, 15.1548



Tritanopia

20.9954, 20.3363, 23.5876

Trichromacy



Original Color

19.1808, 20.3219, 14.9682

Protanomaly

19.0236, 20.2409, 14.9608

Deuteranomaly

20.1708, 20.2770, 15.1627

Tritanomaly

20.2607, 20.2170, 19.9740

Monochromacy



Original Color

19.1808, 20.3219, 14.9682

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

19.0546, 20.1651, 19.1076

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.1808, 20.3219, 14.9682 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(133, 124, 100)` looks like.

```
.text, #text, p{  
    color:rgb(133, 124, 100)  
}
```

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(133, 124, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 124, 100) }
```

Border

The CSS property to change the border of an element to XYZ 19.1808, 20.3219, 14.9682 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(133, 124, 100) }
```


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

```
.border{ border-color:rgb(133, 124, 100) }
```

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

Here you see how a box with a 4 pixel rgb(133, 124, 100) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 124, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 124, 100);  
box-shadow:4px 4px 4px 4px rgb(133, 124,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 19.1808, 20.3219, 14.9682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 124, 100) }
```

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

```
.background{ background-color: rgb(133,  
124, 100) }
```

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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