

Converting Colors

XYZ(19.0720, 20.4800, 13.7743)

Have a look what the booklet for
XYZ(19.0720, 20.4800, 13.7743)
contains.

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Color

**XYZ(19.0720, 20.4800,
13.7743)**

Conversions

Conversions Part 1

Format	Color
Hex	857D5F
RGB	133, 125, 95
RGB Percent	52%, 49%, 37%
CMY	0.4784, 0.5098, 0.6274
CMYK	0.00, 0.06, 0.29, 0.48
HSL	47°, 17%, 45%
HSV	47°, 29%, 52%
XYZ	19.0720, 20.4800, 13.7743
YIQ	123.9720, 14.3980, -7.6340

Conversions

Conversions Part 2

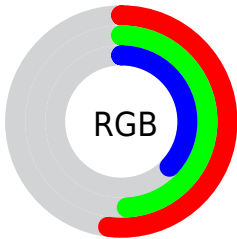
Format	Color
RYB	105, 133, 95
Decimal	8748383
CIELab	52.38, -2.00, 17.49
CIELCh	52, 17.603, 96.524
Yxy	20.4800, 0.3576, 0.3841
Android (android.graphics.Color)	4286938463 (0xFF857D5F)
YUV	123.9720, -14.2832, 7.9176
Hunter-Lab	45.2548, -3.9697, 13.6322

Details

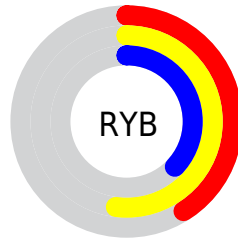
The XYZ color **19.0720, 20.4800, 13.7743** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **13.8030, 13.8264, 24.1315**, and the grayscale version is **19.1920, 20.1915, 21.9885**.

A 20% lighter version of the original color is **41.6022, 44.4809, 33.5871**, and **6.7061, 7.2296, 3.9477** is the 20% darker color. If you saturate the color by 10%, you get **18.1692, 19.5606, 10.7411**, and if you desaturate by 10%, it is **20.0891, 21.4625, 17.3554**.

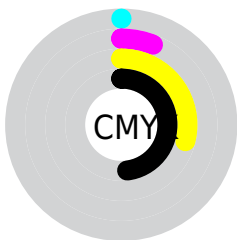
Distribution



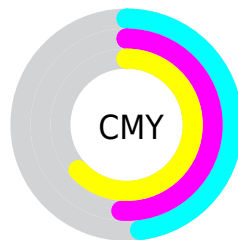
- Red (52%)
- Green (49%)
- Blue (37%)



- Red (41%)
- Yellow (52%)
- Blue (37%)



- Cyan (0%)
- Magenta (6%)
- Yellow (29%)
- Black (48%)



- Cyan (48%)
- Magenta (51%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.0720, 20.4800, 13.7743 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 19.0720, 20.4800, 13.7743 by changing the saturation by 10% instead.

■ 19.0720, 20.4800,
13.7743

■ 19.0720, 20.4800,
13.7743

239.7764,
254.5019, 227.2016

■ 11.8266, 12.7444,
7.8269

■ 41.3717, 44.2205,
33.3994

■ 6.6971, 7.2528,
3.8982

■ 57.1567, 60.9942,
47.9141

■ 3.3180, 3.6207,
1.5697

■ 76.5189, 81.5494,
66.1217

■ 1.3241, 1.4637,
0.2690

■ 99.8238, 106.2705,
88.4407

■ 0.2011, 0.2630,
0.0000

127.4366,
135.5420, 115.2897

■ 0.0000, 0.0000,
0.0000

159.7228,

169.7481, 147.0871

197.0476,
209.2732, 184.2516

■ 19.0720, 20.4800,
13.7743

■ 19.0720, 20.4800,
13.7743

■ 18.1692, 19.5606,
10.7411

■ 20.0891, 21.4625,
17.3554

■ 17.3738, 18.6993,
8.2269

■ 21.2239, 22.5075,
21.5088

■ 16.6805, 17.8946,
6.2020

■ 22.4814, 23.6178,
26.2590

■ 16.0829, 17.1438,
4.6333

■ 23.8662, 24.7954,
31.6286

■ 15.5740, 16.4438,
3.4835

■ 25.3824, 26.0420,
37.6392

■ 15.1454, 15.7913,
2.7093

■ 27.0339, 27.3593,
44.3111

■ 14.7769, 15.1780,
2.2054

■ 28.8245, 28.7490,
51.6640

■ 14.7257, 15.0922,
2.1370

■ 30.7578, 30.2126,
59.7165

■ 32.8373, 31.7517,
68.4867

Harmonies

Analogous

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



20.8884, 20.4800, 14.3345



19.0720, 20.4800, 13.7743



17.4627, 20.4800, 15.1966

Triad

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



19.0720, 20.4800, 13.7743



16.7951, 20.4800, 28.7884



22.8433, 20.4800, 26.5199

Complementary

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



19.0720, 20.4800, 13.7743



13.8030, 13.8264, 24.1315

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.



21.6162, 20.4800, 31.3283



19.0720, 20.4800, 13.7743



18.1090, 20.4800, 32.7737

Square

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



19.0720, 20.4800, 13.7743



16.2019, 20.4800, 23.4536



19.8646, 20.4800, 33.7688



23.1407, 20.4800, 21.1834

Rectangle

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



19.0720, 20.4800, 13.7743



16.6988, 20.4800, 17.2307



19.8646, 20.4800, 33.7688



22.5223, 20.4800, 28.2754

Sweetspot

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



19.0725, 20.4809, 13.7747



37.8725, 40.1844, 38.0151



16.2251, 14.1551, 14.7707



8.4722, 8.9987, 8.3418



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.



19.0725, 20.4809, 13.7747



33.1285, 35.6425, 21.1860



18.5123, 21.7559, 14.0504



4.9588, 5.2611, 4.9835



14.0324, 14.3873, 2.0374



0.0538, 0.0602, 0.0088

Inverse Universe

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



13.8030, 13.8264, 24.1315



22.1490, 21.7800, 42.7750



14.2422, 12.9280, 23.9350



4.5081, 4.6918, 5.8688



4.4330, 2.4138, 21.3690



0.0198, 0.0172, 0.0755

Previews

White Background



This preview shows how the XYZ color 19.0720, 20.4800, 13.7743 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 19.0720, 20.4800, 13.7743 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

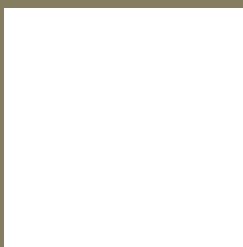
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.0720, 20.4800, 13.7743

Background



This preview shows how black text looks on a background with the XYZ color 19.0720, 20.4800, 13.7743.



This preview shows how white text looks on a background with the XYZ color 19.0720, 20.4800,

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

19.0720, 20.4800, 13.7743

Protanopia

19.2307, 20.5618, 13.7817

Deuteranopia

20.8604, 20.4805, 13.9200



Tritanopia

21.0623, 20.3630, 23.9394

Trichromacy



Original Color

19.0720, 20.4800, 13.7743

Protanomaly

19.2307, 20.5618, 13.7817

Deuteranomaly

20.2262, 20.5144, 13.9600

Tritanomaly

20.3238, 20.4377, 19.7033

Monochromacy



Original Color

19.0720, 20.4800, 13.7743

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

18.9407, 20.1196, 18.5080

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.0720, 20.4800, 13.7743 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, 125, 95)` looks like.

```
.text, #text, p{  
    color:rgb(133, 125, 95)  
}
```

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, 125, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 125, 95) }
```

Border

The CSS property to change the border of an element to XYZ 19.0720, 20.4800, 13.7743 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, 125, 95) }
```


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

```
.border{ border-color:rgb(133, 125, 95) }
```

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

Here you see how a box with a 4 pixel rgb(133, 125, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 125, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 125, 95);  
box-shadow:4px 4px 4px 4px rgb(133, 125,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 19.0720, 20.4800, 13.7743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 125, 95) }
```

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

```
.background{ background-color: rgb(133,  
125, 95) }
```

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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