

Converting Colors

XYZ(19.7498, 20.5495, 17.9645)

Have a look what the booklet for
XYZ(19.7498, 20.5495, 17.9645)
contains.

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Color

**XYZ(19.7498, 20.5495,
17.9645)**

Conversions

Conversions Part 1

Format	Color
Hex	857C6F
RGB	133, 124, 111
RGB Percent	52%, 49%, 44%
CMY	0.4784, 0.5137, 0.5647
CMYK	0.00, 0.07, 0.17, 0.48
HSL	35°, 9%, 48%
HSV	35°, 17%, 52%
XYZ	19.7498, 20.5495, 17.9645
YIQ	125.2090, 9.5370, -2.1350

Conversions

Conversions Part 2

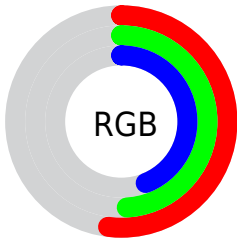
Format	Color
R_{YB}	126, 133, 111
Decimal	8748143
CIE Lab	52.45, 1.09, 8.33
CIE LCh	52, 8.400, 82.515
Yxy	20.5495, 0.3390, 0.3527
Android (android.graphics.Color)	4286938223 (0xFF857C6F)
YUV	125.2090, -7.0050, 6.8327
Hunter-Lab	45.3316, -1.5623, 8.2360

Details

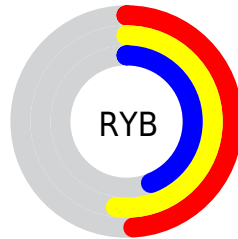
The XYZ color **19.7498, 20.5495, 17.9645** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.5057, 18.5058, 24.8400**, and the grayscale version is **19.5845, 20.6044, 22.4382**.

A 20% lighter version of the original color is **42.3859, 44.1341, 40.9351**, and **6.9806, 7.2300, 5.7302** is the 20% darker color. If you saturate the color by 10%, you get **18.4085, 18.9528, 14.1694**, and if you desaturate by 10%, it is **21.2389, 22.2669, 22.3474**.

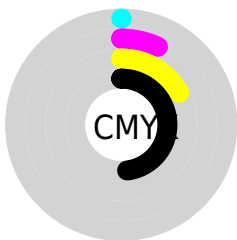
Distribution



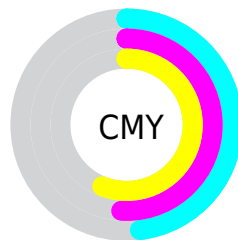
- Red (52%)
- Green (49%)
- Blue (44%)



- Red (49%)
- Yellow (52%)
- Blue (44%)



- Cyan (0%)
- Magenta (7%)
- Yellow (17%)
- Black (48%)



- Cyan (48%)
- Magenta (51%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.7498, 20.5495, 17.9645 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 19.7498, 20.5495, 17.9645 by changing the saturation by 10% instead.

■ 19.7498, 20.5495,
17.9645

■ 19.7498, 20.5495,
17.9645

243.4169,
254.8745, 252.9003

■ 12.3205, 12.7951,
10.7553

■ 42.5045, 44.3366,
40.7899

■ 7.0361, 7.2876,
5.7905

■ 58.5605, 61.1380,
57.2433

■ 3.5312, 3.6426,
2.6514

■ 78.2229, 81.7239,
77.6151

■ 1.4405, 1.4757,
0.9188

■ 101.8570,
106.4787, 102.3240

■ 0.2848, 0.2715,
0.0000

129.8280,
135.7868, 131.7884

■ 0.0000, 0.0000,
0.0000

162.5015,

170.0325, 166.4268

200.2426,
209.6003, 206.6580

■ 19.7498, 20.5495,
17.9645

■ 19.7498, 20.5495,
17.9645

■ 18.4085, 18.9528,
14.1694

■ 21.2389, 22.2669,
22.3474

■ 17.2079, 17.4709,
10.9353

■ 22.8792, 24.1052,
27.3406

■ 16.1429, 16.1014,
8.2353

■ 24.6762, 26.0683,
32.9673

■ 15.2071, 14.8409,
6.0395

■ 26.6343, 28.1587,
39.2489

■ 14.3938, 13.6856,
4.3155

■ 28.7580, 30.3792,
46.2057

■ 13.6953, 12.6313,
3.0265

■ 31.0515, 32.7322,
53.8573

■ 13.1032, 11.6736,
2.1306

■ 33.5189, 35.2204,
62.2224

■ 12.6025, 10.8054,
1.5535

■ 36.1641, 37.8460,
71.3190

■ 12.4405, 10.5216,
1.3752

■ 38.9907, 40.6113,
81.1646

Harmonies

Analogous

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



20.5645, 20.5495, 18.7940



19.7498, 20.5495, 17.9645



18.8998, 20.5495, 18.2453

Triad

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



19.7498, 20.5495, 17.9645



18.0308, 20.5495, 24.2547



20.8855, 20.5495, 25.4100

Complementary

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



19.7498, 20.5495, 17.9645



17.5057, 18.5058, 24.8400

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.



20.1775, 20.5495, 27.0848



19.7498, 20.5495, 17.9645



18.5340, 20.5495, 26.3841

Square

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



19.7498, 20.5495, 17.9645



17.9240, 20.5495, 21.7583



19.3152, 20.5495, 27.4539



21.2328, 20.5495, 23.0031

Rectangle

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



19.7498, 20.5495, 17.9645



18.4259, 20.5495, 19.0349



19.3152, 20.5495, 27.4539



20.6808, 20.5495, 26.0844

Sweetspot

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



19.7504, 20.5504, 17.9649



38.4365, 40.3314, 41.2275



18.7579, 17.7159, 20.2536



8.6214, 9.0433, 9.1740



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.



19.7504, 20.5504, 17.9649



34.3972, 35.6564, 29.3884



20.6430, 22.7617, 18.3447



4.8842, 5.1120, 4.9587



11.8577, 10.0379, 1.3125



0.0483, 0.0492, 0.0069

Inverse Universe

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



17.5057, 18.5058, 24.8400



29.5579, 31.2486, 44.2121



16.7070, 16.5624, 24.5069



4.5793, 4.8342, 5.8925



5.3144, 4.1766, 21.6628



0.0253, 0.0282, 0.0773

Previews

White Background



This preview shows how the XYZ color 19.7498, 20.5495, 17.9645 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 19.7498, 20.5495, 17.9645 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

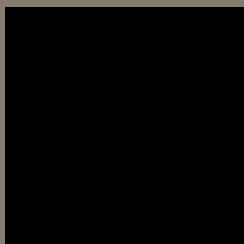
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 19.7498, 20.5495, 17.9645

Background



This preview shows how black text looks on a background with the XYZ color 19.7498, 20.5495, 17.9645.



This preview shows how white text looks on a background with the XYZ color 19.7498, 20.5495,

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

19.7498, 20.5495, 17.9645

Protanopia

19.5629, 20.6402, 17.9918

Deuteranopia

20.9173, 20.5954, 18.2021



Tritanopia

21.0874, 20.5477, 24.3274

Trichromacy



Original Color

19.7498, 20.5495, 17.9645

Protanomaly

19.7186, 20.7205, 17.9991

Deuteranomaly

20.5316, 20.5779, 18.2190

Tritanomaly

20.5893, 20.5252, 21.9454

Monochromacy



Original Color

19.7498, 20.5495, 17.9645

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

19.6259, 20.6125, 20.7135

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.7498, 20.5495, 17.9645 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, 111)` looks like.

```
.text, #text, p{  
    color:rgb(133, 124, 111)  
}
```

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, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 124, 111) }
```

Border

The CSS property to change the border of an element to XYZ 19.7498, 20.5495, 17.9645 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, 111) }
```


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

```
.border{ border-color:rgb(133, 124, 111) }
```

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, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 124, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 124, 111);  
box-shadow:4px 4px 4px 4px rgb(133, 124,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 19.7498, 20.5495, 17.9645 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, 111) }
```

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

```
.background{ background-color: rgb(133,  
124, 111) }
```

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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