

Converting Colors

XYZ(19.0093, 17.6529, 21.7414)

Have a look what the booklet for
XYZ(19.0093, 17.6529, 21.7414)
contains.

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Color

**XYZ(18.9505, 17.6191,
21.8041)**

Conversions

Conversions Part 1

Format	Color
Hex	856E7D
RGB	133, 110, 125
RGB Percent	52%, 43%, 49%
CMY	0.4784, 0.5686, 0.5098
CMYK	0.00, 0.17, 0.06, 0.48
HSL	321°, 9%, 48%
HSV	321°, 17%, 52%
XYZ	18.9505, 17.6191, 21.8041
YIQ	118.5870, 8.8930, 9.5410

Conversions

Conversions Part 2

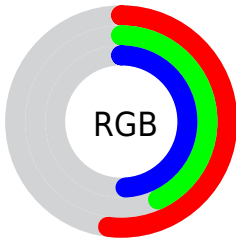
Format	Color
R_{YB}	133, 110, 125
Decimal	8744573
CIE Lab	49.03, 11.79, -4.89
CIE LCh	49, 12.767, 337.490
Yxy	17.6191, 0.3246, 0.3018
Android (android.graphics.Color)	4286934653 (0xFF856E7D)
YUV	118.5870, 3.1616, 12.6402
Hunter-Lab	41.9751, 7.1309, -1.4158

Details

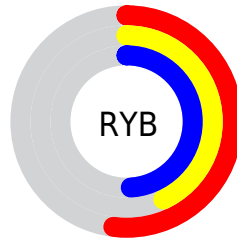
The XYZ color **18.9505, 17.6191, 21.8041** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.0887, 21.3986, 20.3175**, and the grayscale version is **17.3930, 18.2988, 19.9274**.

A 20% lighter version of the original color is **41.2059, 39.4941, 47.5708**, and **6.5944, 5.8061, 7.6106** is the 20% darker color. If you saturate the color by 10%, you get **17.3333, 14.8464, 19.8407**, and if you desaturate by 10%, it is **20.7980, 20.8296, 23.9126**.

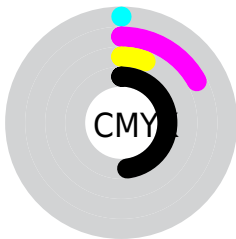
Distribution



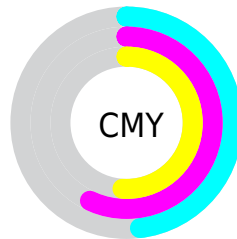
- Red (52%)
- Green (43%)
- Blue (49%)



- Red (52%)
- Yellow (43%)
- Blue (49%)



- Cyan (0%)
- Magenta (17%)
- Yellow (6%)
- Black (48%)



- Cyan (48%)
- Magenta (57%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.9505, 17.6191, 21.8041 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 18.9505, 17.6191, 21.8041 by changing the saturation by 10% instead.

■ 18.9505, 17.6191,
21.8041

■ 18.9505, 17.6191,
21.8041

239.1187,
238.7152, 274.4416

■ 11.7383, 10.6769,
13.5161

■ 41.1680, 39.3872,
47.3200

■ 6.6367, 5.8500,
7.6500

■ 56.9039, 54.9819,
65.3850

■ 3.2802, 2.7541,
3.7873

■ 76.2119, 74.2295,
87.5461

■ 1.3036, 1.0047,
1.5094

■ 99.4572, 97.5144,
114.2218

■ 0.1859, 0.0000,
0.2249

127.0051,
125.2210, 145.8307

■ 0.0000, 0.0000,
0.0000

159.2212,

157.7338, 182.7912

196.4706,
195.4371, 225.5220

■ 18.9505, 17.6191,
21.8041

■ 18.9505, 17.6191,
21.8041

■ 17.3333, 14.8464,
19.8407

■ 20.7980, 20.8296,
23.9126

■ 15.9349, 12.4901,
18.0171

■ 22.8832, 24.4937,
26.1690

■ 14.7455, 10.5302,
16.3293

■ 25.2154, 28.6291,
28.5774

■ 13.7537, 8.9443,
14.7724

■ 27.8028, 33.2520,
31.1414

■ 12.9470, 7.7079,
13.3414

■ 30.6532, 38.3776,
33.8646

■ 12.3114, 6.7930,
12.0306

■ 33.7740, 44.0206,
36.7501

■ 11.8307, 6.1680,
10.8337

■ 37.1724, 50.1951,
39.8013

■ 11.4731, 5.7692,
9.7388

■ 40.8553, 56.9147,
43.0211

■ 11.3825, 5.6704,
9.4547

■ 44.8294, 64.1924,
46.4127

Harmonies

Analogous

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



18.1780, 17.6191, 24.8679



18.9505, 17.6191, 21.8041



19.1191, 17.6191, 18.3426

Triad

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



18.9505, 17.6191, 21.8041



16.4499, 17.6191, 13.3927



14.9956, 17.6191, 23.4554

Complementary

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



18.9505, 17.6191, 21.8041



18.0887, 21.3986, 20.3175

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.



14.5786, 17.6191, 20.0511



18.9505, 17.6191, 21.8041



15.3920, 17.6191, 14.4401

Square

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



18.9505, 17.6191, 21.8041



17.6378, 17.6191, 13.7447



14.7202, 17.6191, 16.7831



15.8856, 17.6191, 25.8974

Rectangle

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



18.9505, 17.6191, 21.8041



18.8594, 17.6191, 16.3155



14.7202, 17.6191, 16.7831



14.7975, 17.6191, 22.3709

Sweetspot

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



18.9510, 17.6199, 21.8045



38.0207, 38.6597, 43.6791



17.2363, 16.6745, 24.5007



8.5174, 8.6251, 9.7874



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.



18.9510, 17.6199, 21.8045



32.6753, 29.3810, 37.5438



18.2772, 17.3504, 18.2564



4.7909, 4.7360, 5.5112



10.8458, 5.4027, 9.0261



0.0410, 0.0201, 0.0495

Inverse Universe

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



18.9510, 17.6199, 21.8045



32.6753, 29.3810, 37.5438



18.7921, 21.6799, 24.0217



4.7909, 4.7360, 5.5112



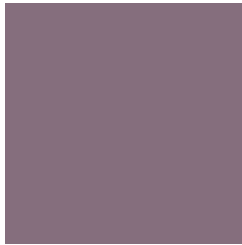
10.8458, 5.4027, 9.0261



0.0410, 0.0201, 0.0495

Previews

White Background



This preview shows how the XYZ color 18.9505, 17.6191, 21.8041 looks on a white 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

Black Background



This preview shows how the XYZ color 18.9505, 17.6191, 21.8041 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

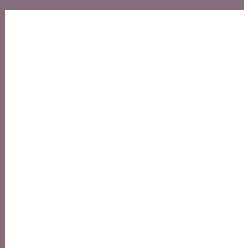
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.9505, 17.6191, 21.8041

Background



This preview shows how black text looks on a background with the XYZ color 18.9505, 17.6191, 21.8041.



This preview shows how white text looks on a background with the XYZ color 18.9505, 17.6191,

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

18.9505, 17.6191, 21.8041

Protanopia

17.2781, 17.7206, 23.2786

Deuteranopia

17.8554, 17.5506, 21.5153



Tritanopia

18.5903, 17.6305, 20.1925

Trichromacy



Original Color

18.9505, 17.6191, 21.8041

Protanomaly

17.9396, 17.7307, 22.8989

Deuteranomaly

18.1847, 17.5556, 21.4989

Tritanomaly

18.7130, 17.6796, 20.8386

Monochromacy



Original Color

18.9505, 17.6191, 21.8041

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

18.0088, 18.1563, 20.6445

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.9505, 17.6191, 21.8041 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, 110, 125)` looks like.

```
.text, #text, p{  
    color:rgb(133, 110, 125)  
}
```

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, 110, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 110, 125) }
```

Border

The CSS property to change the border of an element to XYZ 18.9505, 17.6191, 21.8041 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, 110, 125) }
```


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

```
.border{ border-color:rgb(133, 110, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 110, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 110, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 110, 125);  
box-shadow:4px 4px 4px 4px rgb(133, 110,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 18.9505, 17.6191, 21.8041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 110, 125) }
```

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

```
.background{ background-color: rgb(133,  
110, 125) }
```

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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