

Converting Colors

XYZ(18.4638, 19.9352, 19.8325)

Have a look what the booklet for
XYZ(18.4638, 19.9352, 19.8325)
contains.

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Color

**XYZ(18.4446, 19.8372,
19.6865)**

Conversions

Conversions Part 1

Format	Color
Hex	7A7C75
RGB	122, 124, 117
RGB Percent	48%, 49%, 46%
CMY	0.5216, 0.5137, 0.5412
CMYK	0.02, 0.00, 0.06, 0.51
HSL	77°, 3%, 47%
HSV	77°, 6%, 49%
XYZ	18.4446, 19.8372, 19.6865
YIQ	122.6040, 1.0550, -2.6010

Conversions

Conversions Part 2

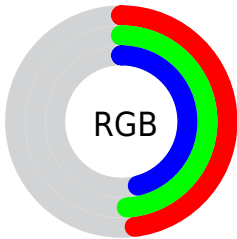
Format	Color
R_{YB}	117, 124, 119
Decimal	8027253
CIE Lab	51.65, -2.13, 3.55
CIE LCh	52, 4.140, 120.956
Yxy	19.8372, 0.3182, 0.3422
Android (android.graphics.Color)	4286217333 (0xFF7A7C75)
YUV	122.6040, -2.7628, -0.5297
Hunter-Lab	44.5390, -4.0223, 4.9707

Details

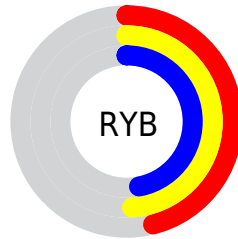
The XYZ color **18.4446, 19.8372, 19.6865** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.6078, 18.1003, 21.6354**, and the grayscale version is **18.7054, 19.6796, 21.4310**.

A 20% lighter version of the original color is **40.1423, 42.9139, 43.7036**, and **6.3379, 6.8783, 6.6238** is the 20% darker color. If you saturate the color by 10%, you get **17.2706, 19.3113, 16.0745**, and if you desaturate by 10%, it is **19.7346, 20.4129, 23.8090**.

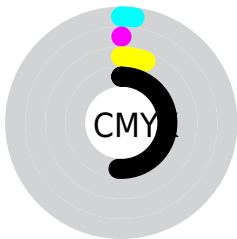
Distribution



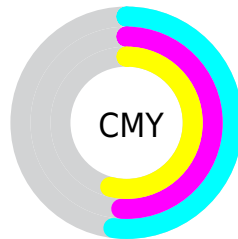
- Red (48%)
- Green (49%)
- Blue (46%)



- Red (46%)
- Yellow (49%)
- Blue (47%)



- Cyan (2%)
- Magenta (0%)
- Yellow (6%)
- Black (51%)



- Cyan (52%)
- Magenta (51%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.4446, 19.8372, 19.6865 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 18.4446, 19.8372, 19.6865 by changing the saturation by 10% instead.

■ 18.4446, 19.8372,
19.6865

■ 18.4446, 19.8372,
19.6865

236.3627,
251.0324, 262.7607

■ 11.3713, 12.2768,
11.9856

■ 40.3176, 43.1441,
43.7430

■ 6.3863, 6.9325,
6.6114

■ 55.8481, 59.6593,
60.9356

■ 3.1242, 3.4199,
3.1456

■ 74.9282, 79.9282,
82.1292

■ 1.2198, 1.3547,
1.1694

97.9235, 104.3353,
107.7423

■ 0.1219, 0.1830,
0.0000

125.1992,
133.2648, 138.1935

■ 0.0000, 0.0000,
0.0000

157.1207,

167.1013, 173.9013

194.0534,
206.2290, 215.2842

■ 18.4446, 19.8372,
19.6865

■ 18.4446, 19.8372,
19.6865

■ 17.2706, 19.3113,
16.0745

■ 19.7346, 20.4129,
23.8090

■ 16.2070, 18.8310,
12.9518

■ 21.1428, 21.0374,
28.4595

■ 15.2502, 18.3955,
10.2977

■ 22.6732, 21.7129,
33.6561

■ 14.3956, 18.0029,
8.0895

■ 24.3293, 22.4409,
39.4160

■ 13.6384, 17.6514,
6.3026

■ 26.1143, 23.2226,
45.7552

■ 12.9733, 17.3386,
4.9101

■ 28.0314, 24.0594,
52.6895

■ 12.3943, 17.0623,
3.8818

■ 30.0836, 24.9525,
60.2338

■ 11.8947, 16.8197,
3.1833

■ 32.2737, 25.9030,
68.4025

■ 11.4631, 16.6062,
2.7562

■ 34.6047, 26.9121,
77.2097

Harmonies

Analogous

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



18.8413, 19.8372, 19.3804



18.4446, 19.8372, 19.6865



18.1613, 19.8372, 20.5019

Triad

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



18.4446, 19.8372, 19.6865



18.4675, 19.8372, 23.6730



19.6690, 19.8372, 21.5610

Complementary

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



18.4446, 19.8372, 19.6865



17.6078, 18.1003, 21.6354

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.



19.5655, 19.8372, 22.7352



18.4446, 19.8372, 19.6865



18.8681, 19.8372, 23.9814

Square

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



18.4446, 19.8372, 19.6865



18.1744, 19.8372, 22.8041



19.2708, 19.8372, 23.6322



19.5517, 19.8372, 20.4378

Rectangle

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



18.4446, 19.8372, 19.6865



18.0727, 19.8372, 21.2398



19.2708, 19.8372, 23.6322



19.6589, 19.8372, 21.9629

Sweetspot

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



18.4452, 19.8381, 19.6869



33.2505, 35.2628, 37.1482



18.1186, 18.7598, 19.4960



7.8388, 8.3084, 8.7737



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



18.4452, 19.8381, 19.6869



32.1306, 34.7624, 33.6197



17.9607, 19.5883, 19.6643



4.2521, 4.6018, 4.4446



11.4688, 16.7896, 2.6363



53.8379, 79.6399, 12.5345

Inverse Universe

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



17.6078, 18.1003, 21.6354



30.2789, 30.9193, 37.9288



18.0947, 18.3513, 21.6582



4.0044, 4.0877, 5.0211



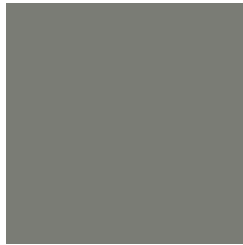
4.4164, 1.8495, 19.5095



20.3278, 8.4414, 93.0277

Previews

White Background



This preview shows how the XYZ color 18.4446, 19.8372, 19.6865 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 18.4446, 19.8372, 19.6865 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

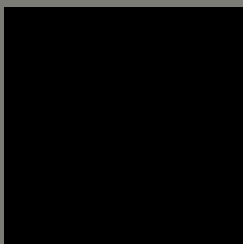
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

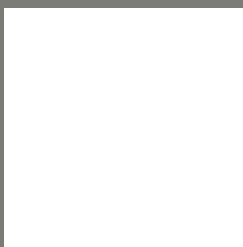
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.4446, 19.8372, 19.6865

Background



This preview shows how black text looks on a background with the XYZ color 18.4446, 19.8372, 19.6865.



This preview shows how white text looks on a background with the XYZ color 18.4446, 19.8372,

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

18.4446, 19.8372, 19.6865

Protanopia

18.9877, 19.9389, 19.3708

Deuteranopia

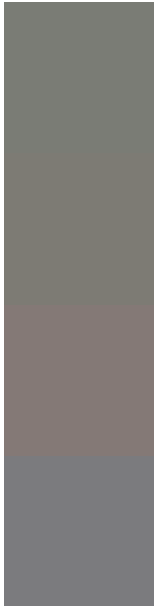
20.1834, 19.8200, 19.9014



Tritanopia

19.3684, 19.8428, 24.2820

Trichromacy



Original Color

18.4446, 19.8372, 19.6865

Protanomaly

18.6928, 19.7868, 19.3570

Deuteranomaly

19.6231, 19.8883, 19.9441

Tritanomaly

19.0172, 19.8832, 22.5742

Monochromacy



Original Color

18.4446, 19.8372, 19.6865

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

18.7025, 19.7573, 20.9170

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.4446, 19.8372, 19.6865 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(122, 124, 117)` looks like.

```
.text, #text, p{  
    color:rgb(122, 124, 117)  
}
```

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(122, 124, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 124, 117) }
```

Border

The CSS property to change the border of an element to XYZ 18.4446, 19.8372, 19.6865 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(122, 124, 117) }
```


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

```
.border{ border-color:rgb(122, 124, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 124, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 124, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 124, 117);  
box-shadow:4px 4px 4px 4px rgb(122, 124,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 18.4446, 19.8372, 19.6865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 124, 117) }
```

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

```
.background{ background-color: rgb(122,  
124, 117) }
```

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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