

Converting Colors

XYZ(18.1809, 19.7120, 22.2319)

Have a look what the booklet for
XYZ(18.1809, 19.7120, 22.2319)
contains.

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Color

**XYZ(18.1118, 19.6090,
22.2324)**

Conversions

Conversions Part 1

Format	Color
Hex	747C7D
RGB	116, 124, 125
RGB Percent	45%, 49%, 49%
CMY	0.5451, 0.5137, 0.5098
CMYK	0.07, 0.01, 0.00, 0.51
HSL	187°, 4%, 47%
HSV	187°, 7%, 49%
XYZ	18.1118, 19.6090, 22.2324
YIQ	121.7220, -5.0890, -1.3850

Conversions

Conversions Part 2

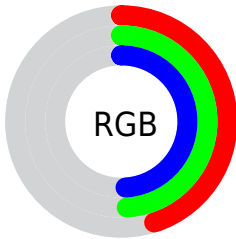
Format	Color
R_{YB}	116, 120, 125
Decimal	7634045
CIE _{Lab}	51.39, -2.76, -1.58
CIE _{LCh}	51, 3.178, 209.764
Yxy	19.6090, 0.3021, 0.3271
Android (android.graphics.Color)	4285824125 (0xFF747C7D)
YUV	121.7220, 1.6161, -5.0182
Hunter-Lab	44.2821, -4.4853, 1.2301

Details

The XYZ color **18.1118, 19.6090, 22.2324** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.9712, 18.3434, 19.1167**, and the grayscale version is **18.4046, 19.3631, 21.0864**.

A 20% lighter version of the original color is **39.7097, 42.5899, 48.2472**, and **6.2045, 6.7829, 7.8197** is the 20% darker color. If you saturate the color by 10%, you get **16.3884, 18.4650, 22.1027**, and if you desaturate by 10%, it is **20.0624, 20.8748, 22.3742**.

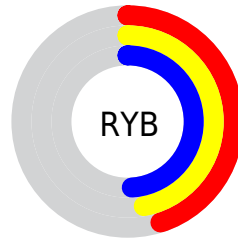
Distribution



Red (45%)

Green (49%)

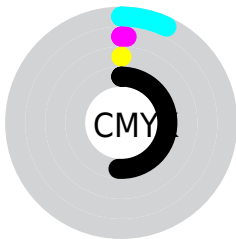
Blue (49%)



Red (45%)

Yellow (47%)

Blue (49%)

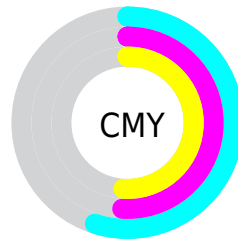


Cyan (7%)

Magenta (1%)

Yellow (0%)

Black (51%)



Cyan (55%)

Magenta (51%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.1118, 19.6090, 22.2324 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 18.1118, 19.6090, 22.2324 by changing the saturation by 10% instead.

■ 18.1118, 19.6090,
22.2324

■ 18.1118, 19.6090,
22.2324

234.5339,
249.7905, 276.7505

■ 11.1305, 12.1111,
13.8278

■ 39.7563, 42.7607,
48.0369

■ 6.2226, 6.8194,
7.8636

■ 55.1502, 59.1833,
66.2739

■ 3.0228, 3.3494,
3.9213

■ 74.0790, 79.3496,
88.6255

■ 1.1659, 1.3168,
1.5823

96.9081, 103.6440,
115.5101

■ 0.0792, 0.1541,
0.2781

124.0027,
132.4509, 147.3464

■ 0.0000, 0.0000,
0.0000

155.7283,

166.1547, 184.5529

192.4503,
205.1397, 227.5481

■ 18.1118, 19.6090,
22.2324

■ 18.1118, 19.6090,
22.2324

■ 16.3884, 18.4650,
22.1027

■ 20.0624, 20.8748,
22.3742

■ 14.8817, 17.4358,
21.9835

■ 22.2468, 22.2643,
22.5273

■ 13.5826, 16.5172,
21.8746

■ 24.6737, 23.7824,
22.6924

■ 12.4811, 15.7041,
21.7757

■ 27.3505, 25.4330,
22.8699

■ 11.5661, 14.9907,
21.6863

■ 30.2845, 27.2199,
23.0602

■ 10.8255, 14.3707,
21.6056

■ 33.4827, 29.1467,
23.2635

■ 10.2456, 13.8371,
21.5332

■ 36.9517, 31.2168,
23.4803

■ 9.8110, 13.3819,
21.4683

■ 40.6980, 33.4336,
23.7107

■ 9.4878, 12.9877,
21.4092

■ 44.7278, 35.8002,
23.9551

Harmonies

Analogous

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



18.0327, 19.6090, 21.3437



18.1118, 19.6090, 22.2324



18.3314, 19.6090, 22.9004

Triad

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



18.1118, 19.6090, 22.2324



19.1713, 19.6090, 22.2452



18.6403, 19.6090, 19.6465

Complementary

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



18.1118, 19.6090, 22.2324



17.9712, 18.3434, 19.1167

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.



18.9475, 19.6090, 19.8728



18.1118, 19.6090, 22.2324



19.2562, 19.6090, 21.3581

Square

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



18.1118, 19.6090, 22.2324



18.9431, 19.6090, 22.9080



19.1738, 19.6090, 20.4930



18.3357, 19.6090, 19.8660

Rectangle

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



18.1118, 19.6090, 22.2324



18.5293, 19.6090, 23.1216



19.1738, 19.6090, 20.4930



18.7467, 19.6090, 19.6729

Sweetspot

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



18.1124, 19.6098, 22.2328



34.1817, 36.2554, 39.9408



17.7414, 19.6626, 19.6593



7.7870, 8.2545, 9.0859



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.



18.1124, 19.6098, 22.2328



31.7793, 34.6851, 39.7643



17.5729, 18.5309, 22.0530



4.4070, 4.8080, 5.5090



9.8090, 13.4365, 22.3265



0.0000, 0.0000, 0.0000

Inverse Universe

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



18.3414, 18.3064, 21.6366



32.2992, 31.7419, 38.4074



18.4963, 19.3935, 19.2918



4.4783, 4.4045, 5.3231



11.8281, 5.7509, 16.2163



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 18.1118, 19.6090, 22.2324 looks on a white background.

Color Contrast Check

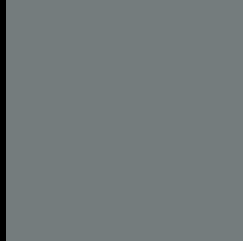
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.1118, 19.6090, 22.2324 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

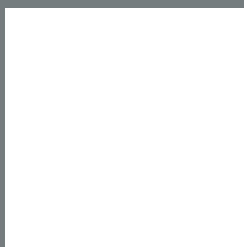
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.1118, 19.6090, 22.2324

Background



This preview shows how black text looks on a background with the XYZ color 18.1118, 19.6090, 22.2324.



This preview shows how white text looks on a background with the XYZ color 18.1118, 19.6090,

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

18.1118, 19.6090, 22.2324

Protanopia

18.9098, 19.6594, 21.8668

Deuteranopia

19.8784, 19.6055, 22.4752



Tritanopia

18.6527, 19.6413, 24.9983

Trichromacy



Original Color

18.1118, 19.6090, 22.2324

Protanomaly

18.6062, 19.6861, 21.8879

Deuteranomaly

19.2075, 19.6167, 22.5127

Tritanomaly

18.4483, 19.5595, 23.9221

Monochromacy



Original Color

18.1118, 19.6090, 22.2324

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

18.4038, 19.5890, 21.5500

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.1118, 19.6090, 22.2324 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(116, 124, 125) looks like.

```
.text, #text, p{  
    color:rgb(116, 124, 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(116, 124, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 124, 125) }
```

Border

The CSS property to change the border of an element to XYZ 18.1118, 19.6090, 22.2324 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(116, 124, 125) }
```


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

```
.border{ border-color:rgb(116, 124, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 124, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 124, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 124, 125);  
box-shadow:4px 4px 4px 4px rgb(116, 124,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 18.1118, 19.6090, 22.2324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 124, 125) }
```

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

```
.background{ background-color: rgb(116,  
124, 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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