

Converting Colors

XYZ(18.6502, 19.6431, 22.3708)

Have a look what the booklet for
XYZ(18.6502, 19.6431, 22.3708)
contains.

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Color

**XYZ(18.6698, 19.7115,
22.2227)**

Conversions

Conversions Part 1

Format	Color
Hex	797B7D
RGB	121, 123, 125
RGB Percent	47%, 48%, 49%
CMY	0.5255, 0.5176, 0.5098
CMYK	0.03, 0.02, 0.00, 0.51
HSL	210°, 2%, 48%
HSV	210°, 3%, 49%
XYZ	18.6698, 19.7115, 22.2227
YIQ	122.6300, -1.8340, 0.1980

Conversions

Conversions Part 2

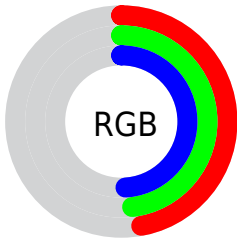
Format	Color
R_YB	121, 122, 125
Decimal	7961469
CIE Lab	51.51, -0.34, -1.36
CIE LCh	52, 1.400, 255.990
Yxy	19.7115, 0.3081, 0.3253
Android (android.graphics.Color)	4286151549 (0xFF797B7D)
YUV	122.6300, 1.1684, -1.4295
Hunter-Lab	44.3976, -2.6342, 1.4015

Details

The XYZ color **18.6698, 19.7115, 22.2227** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.9917, 19.9063, 20.9309**, and the grayscale version is **18.7021, 19.6761, 21.4273**.

A 20% lighter version of the original color is **40.5994, 42.7585, 48.2329**, and **6.5009, 6.8358, 7.8143** is the 20% darker color. If you saturate the color by 10%, you get **16.2804, 17.3667, 21.8963**, and if you desaturate by 10%, it is **21.3368, 22.2739, 22.5770**.

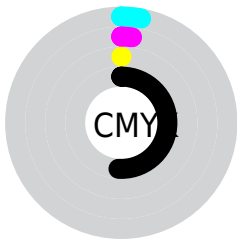
Distribution



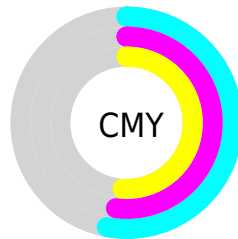
- Red (47%)
- Green (48%)
- Blue (49%)



- Red (47%)
- Yellow (48%)
- Blue (49%)



- Cyan (3%)
- Magenta (2%)
- Yellow (0%)
- Black (51%)



- Cyan (53%)
- Magenta (52%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.6698, 19.7115, 22.2227 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 18.6698, 19.7115, 22.2227 by changing the saturation by 10% instead.

■ 18.6698, 19.7115,
22.2227

■ 18.6698, 19.7115,
22.2227

237.5930,
250.3490, 276.6984

■ 11.5345, 12.1855,
13.8207

■ 40.6966, 42.9330,
48.0207

■ 6.4975, 6.8701,
7.8588

■ 56.3188, 59.3972,
66.2538

■ 3.1934, 3.3810,
3.9182

■ 75.5007, 79.6097,
88.6011

■ 1.2568, 1.3337,
1.5806

98.6077, 103.9548,
115.4810

■ 0.1506, 0.1671,
0.2769

126.0050,
132.8168, 147.3122

■ 0.0000, 0.0000,
0.0000

158.0581,

166.5803, 184.5131

195.1323,
205.6296, 227.5024

■ 18.6698, 19.7115,
22.2227

■ 18.6698, 19.7115,
22.2227

■ 16.2804, 17.3667,
21.8963

■ 21.3368, 22.2739,
22.5770

■ 14.1572, 15.2306,
21.5959

■ 24.2888, 25.0573,
22.9587

■ 12.2908, 13.2975,
21.3212

■ 27.5349, 28.0684,
23.3688

■ 10.6703, 11.5603,
21.0713

■ 31.0835, 31.3126,
23.8080

■ 9.2841, 10.0116,
20.8454

■ 34.9425, 34.7952,
24.2768

■ 8.1193, 8.6432,
20.6427

■ 39.1195, 38.5215,
24.7759

■ 7.1621, 7.4464,
20.4621

■ 43.6219, 42.4963,
25.3058

■ 6.3966, 6.4114,
20.3027

■ 48.4568, 46.7245,
25.8671

■ 5.8035, 5.5264,
20.1631

■ 53.6310, 51.2107,
26.4603

Harmonies

Analogous

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



18.5479, 19.7115, 22.0243



18.6698, 19.7115, 22.2227



18.8098, 19.7115, 22.2156

Triad

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



18.6698, 19.7115, 22.2227



18.9964, 19.7115, 21.2498



18.5414, 19.7115, 20.9289

Complementary

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



18.6698, 19.7115, 22.2227



18.9917, 19.9063, 20.9309

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.



18.6608, 19.7115, 20.7266



18.6698, 19.7115, 22.2227



18.9237, 19.7115, 20.9103

Square

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



18.6698, 19.7115, 22.2227



18.9988, 19.7115, 21.6505



18.8007, 19.7115, 20.7198



18.4740, 19.7115, 21.2755

Rectangle

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



18.6698, 19.7115, 22.2227



18.8945, 19.7115, 22.0952



18.8007, 19.7115, 20.7198



18.5767, 19.7115, 20.8419

Sweetspot

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



18.6704, 19.7123, 22.2231



34.4297, 36.2642, 39.9294



18.7901, 20.1609, 21.6185



7.8394, 8.2564, 9.0835



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.



18.6704, 19.7123, 22.2231



33.0297, 34.9071, 39.7412



18.4327, 19.2370, 22.1439



4.5472, 4.8080, 5.5017



5.6859, 5.1904, 20.9521



0.0000, 0.0000, 0.0000

Inverse Universe

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



18.8704, 19.4652, 21.5024



33.4866, 34.3467, 38.0943



19.2341, 20.3911, 21.0117



4.6174, 4.7221, 5.2482



9.7470, 4.9185, 5.2573



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 18.6698, 19.7115, 22.2227 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 18.6698, 19.7115, 22.2227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

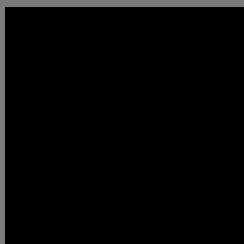
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

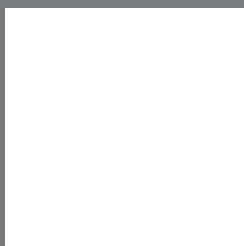
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.6698, 19.7115, 22.2227

Background



This preview shows how black text looks on a background with the XYZ color 18.6698, 19.7115, 22.2227.



This preview shows how white text looks on a background with the XYZ color 18.6698, 19.7115,

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

18.6698, 19.7115, 22.2227

Protanopia

18.9098, 19.6594, 21.8668

Deuteranopia

20.0356, 19.6866, 22.4826



Tritanopia

19.1504, 19.7226, 24.6273

Trichromacy



Original Color

18.6698, 19.7115, 22.2227

Protanomaly

18.7660, 19.5853, 21.8600

Deuteranomaly

19.5356, 19.6064, 22.4934

Tritanomaly

18.9480, 19.6416, 23.5614

Monochromacy



Original Color

18.6698, 19.7115, 22.2227

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

18.7471, 19.7587, 21.8945

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.6698, 19.7115, 22.2227 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(121, 123, 125)` looks like.

```
.text, #text, p{  
    color:rgb(121, 123, 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(121, 123, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 123, 125) }
```

Border

The CSS property to change the border of an element to XYZ 18.6698, 19.7115, 22.2227 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(121, 123, 125) }
```


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

```
.border{ border-color:rgb(121, 123, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 123, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 123, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 123, 125);  
box-shadow:4px 4px 4px 4px rgb(121, 123,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 18.6698, 19.7115, 22.2227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 123, 125) }
```

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

```
.background{ background-color: rgb(121,  
123, 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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