

Converting Colors

XYZ(17.9722, 20.1050, 22.3328)

Have a look what the booklet for
XYZ(17.9722, 20.1050, 22.3328)
contains.

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Color

**XYZ(17.9731, 20.1042,
22.3352)**

Conversions

Conversions Part 1

Format	Color
Hex	707F7D
RGB	112, 127, 125
RGB Percent	44%, 50%, 49%
CMY	0.5608, 0.5019, 0.5098
CMYK	0.12, 0.00, 0.02, 0.50
HSL	172°, 6%, 47%
HSV	172°, 12%, 50%
XYZ	17.9731, 20.1042, 22.3352
YIQ	122.2870, -8.2980, -3.8020

Conversions

Conversions Part 2

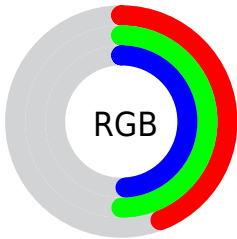
Format	Color
R_{YB}	112, 120, 127
Decimal	7372669
CIE Lab	51.95, -5.92, -0.79
CIE LCh	52, 5.972, 187.590
Yxy	20.1042, 0.2975, 0.3328
Android (android.graphics.Color)	4285562749 (0xFF707F7D)
YUV	122.2870, 1.3375, -9.0217
Hunter-Lab	44.8377, -6.9146, 1.8520

Details

The XYZ color **17.9731, 20.1042, 22.3352** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.5845, 17.3157, 18.3359**, and the grayscale version is **18.5906, 19.5588, 21.2995**.

A 20% lighter version of the original color is **39.6670, 43.7494, 48.4733**, and **6.1432, 7.0606, 7.8765** is the 20% darker color. If you saturate the color by 10%, you get **16.3626, 19.2869, 21.6997**, and if you desaturate by 10%, it is **19.8146, 21.0415, 22.9920**.

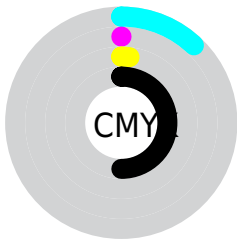
Distribution



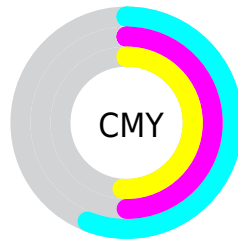
- Red (44%)
- Green (50%)
- Blue (49%)



- Red (44%)
- Yellow (47%)
- Blue (50%)



- Cyan (12%)
- Magenta (0%)
- Yellow (2%)
- Black (50%)



- Cyan (56%)
- Magenta (50%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.9731, 20.1042, 22.3352 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 17.9731, 20.1042, 22.3352 by changing the saturation by 10% instead.

■ 17.9731, 20.1042,
22.3352

■ 17.9731, 20.1042,
22.3352

233.7679,
252.4787, 277.3022

■ 11.0302, 12.4708,
13.9027

■ 39.5219, 43.5918,
48.2087

■ 6.1546, 7.0652,
7.9151

■ 54.8586, 60.2148,
66.4867

■ 2.9809, 3.5029,
3.9537

■ 73.7239, 80.6032,
88.8838

■ 1.1437, 1.3996,
1.6000

■ 96.4833, 105.1412,
115.8183

■ 0.0612, 0.2164,
0.2908

123.5020,
134.2134, 147.7089

■ 0.0000, 0.0000,
0.0000

155.1454,

168.2041, 184.9740

191.7790,
207.4977, 228.0323

■ 17.9731, 20.1042,
22.3352

■ 17.9731, 20.1042,
22.3352

■ 16.3626, 19.2869,
21.6997

■ 19.8146, 21.0415,
22.9920

■ 14.9718, 18.5821,
21.0837

■ 21.8943, 22.1007,
23.6692

■ 13.7911, 17.9854,
20.4871

■ 24.2212, 23.2873,
24.3677

■ 12.8097, 17.4913,
19.9093

■ 26.8034, 24.6052,
25.0880

■ 12.0154, 17.0934,
19.3497

■ 29.6486, 26.0584,
25.8304

■ 11.3951, 16.7849,
18.8076

■ 32.7640, 27.6508,
26.5953

■ 10.9336, 16.5582,
18.2824

■ 36.1569, 29.3859,
27.3832

■ 10.6135, 16.4041,
17.7731

■ 39.8339, 31.2674,
28.1943

■ 10.4071, 16.3065,
17.3656

■ 43.8017, 33.2985,
29.0290

Harmonies

Analogous

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



18.0481, 20.1042, 20.6385



17.9731, 20.1042, 22.3352



18.1971, 20.1042, 23.9962

Triad

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



17.9731, 20.1042, 22.3352



19.8303, 20.1042, 24.6511



19.5575, 20.1042, 18.9389

Complementary

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



17.9731, 20.1042, 22.3352



17.5845, 17.3157, 18.3359

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.



20.0497, 20.1042, 19.9109



17.9731, 20.1042, 22.3352



20.2095, 20.1042, 23.1912

Square

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



17.9731, 20.1042, 22.3352



19.2632, 20.1042, 25.3787



20.2906, 20.1042, 21.4509



18.9545, 20.1042, 18.7368

Rectangle

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



17.9731, 20.1042, 22.3352



18.4888, 20.1042, 24.8395



20.2906, 20.1042, 21.4509



19.7418, 20.1042, 19.1839

Sweetspot

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



17.9737, 20.1050, 22.3356



34.6920, 37.2765, 40.8996



17.4866, 19.9437, 18.2573



8.0695, 8.7006, 9.5573



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



17.9737, 20.1050, 22.3356



31.4197, 35.6127, 39.7054



17.4423, 18.8355, 22.7961



4.4225, 4.8773, 5.3962



10.4949, 16.4445, 17.5109



0.0000, 0.0000, 0.0000

Inverse Universe

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



17.5845, 17.3157, 18.3359



30.5883, 29.6528, 31.1598



18.0682, 18.4634, 17.9409



4.3493, 4.3529, 4.6441



8.9284, 4.5910, 0.9466



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.9731, 20.1042, 22.3352 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 17.9731, 20.1042, 22.3352 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

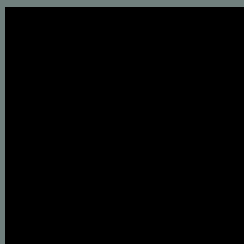
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

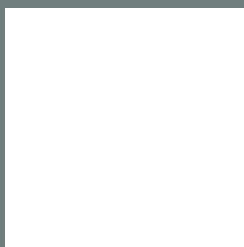
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.9731, 20.1042, 22.3352

Background



This preview shows how black text looks on a background with the XYZ color 17.9731, 20.1042, 22.3352.



This preview shows how white text looks on a background with the XYZ color 17.9731, 20.1042,

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

17.9731, 20.1042, 22.3352

Protanopia

19.2623, 20.0316, 21.5901

Deuteranopia

20.3139, 20.0076, 22.5299



Tritanopia

18.6462, 19.9939, 25.7981

Trichromacy



Original Color

17.9731, 20.1042, 22.3352

Protanomaly

18.7309, 19.9355, 21.9295

Deuteranomaly

19.4530, 20.1079, 22.5946

Tritanomaly

18.3676, 20.0711, 24.3788

Monochromacy



Original Color

17.9731, 20.1042, 22.3352

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

18.2540, 19.6969, 21.5787

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9731, 20.1042, 22.3352 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(112, 127, 125)` looks like.

```
.text, #text, p{  
    color:rgb(112, 127, 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(112, 127, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 127, 125) }
```

Border

The CSS property to change the border of an element to XYZ 17.9731, 20.1042, 22.3352 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(112, 127, 125) }
```


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

```
.border{ border-color:rgb(112, 127, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 127, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 127, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 127, 125);  
box-shadow:4px 4px 4px 4px rgb(112, 127,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9731, 20.1042, 22.3352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 127, 125) }
```

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

```
.background{ background-color: rgb(112,  
127, 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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