

Converting Colors

XYZ(18.5529, 19.9759, 21.4266)

Have a look what the booklet for
XYZ(18.5529, 19.9759, 21.4266)
contains.

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Color

**XYZ(18.5922, 20.0654,
21.3055)**

Conversions

Conversions Part 1

Format	Color
Hex	787D7A
RGB	120, 125, 122
RGB Percent	47%, 49%, 48%
CMY	0.5294, 0.5098, 0.5216
CMYK	0.04, 0.00, 0.02, 0.51
HSL	144°, 2%, 48%
HSV	144°, 4%, 49%
XYZ	18.5922, 20.0654, 21.3055
YIQ	123.1630, -2.0170, -1.9930

Conversions

Conversions Part 2

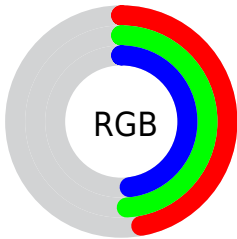
Format	Color
RYB	120, 124, 125
Decimal	7896442
CIELab	51.91, -2.47, 0.98
CIELCh	52, 2.659, 158.447
Yxy	20.0654, 0.3101, 0.3346
Android (android.graphics.Color)	4286086522 (0xFF787D7A)
YUV	123.1630, -0.5734, -2.7740
Hunter-Lab	44.7944, -4.3027, 3.1561

Details

The XYZ color **18.5922, 20.0654, 21.3055** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.7498, 19.2235, 21.4621**, and the grayscale version is **18.8833, 19.8667, 21.6348**.

A 20% lighter version of the original color is **40.5736, 43.6674, 46.3346**, and **6.4595, 7.0276, 7.3193** is the 20% darker color. If you saturate the color by 10%, you get **16.5235, 19.0512, 18.8754**, and if you desaturate by 10%, it is **20.9243, 21.2124, 23.9362**.

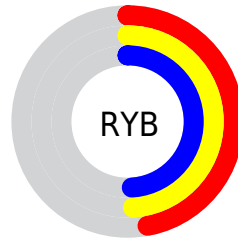
Distribution



Red (47%)

Green (49%)

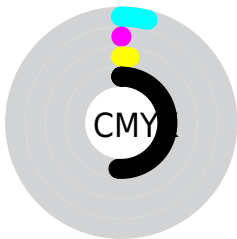
Blue (48%)



Red (47%)

Yellow (49%)

Blue (49%)

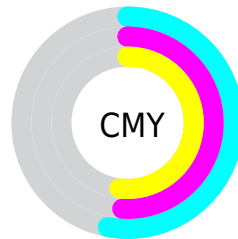


Cyan (4%)

Magenta (0%)

Yellow (2%)

Black (51%)



Cyan (53%)

Magenta (51%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.5922, 20.0654, 21.3055 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 18.5922, 20.0654, 21.3055 by changing the saturation by 10% instead.

■ 18.5922, 20.0654,
21.3055

■ 18.5922, 20.0654,
21.3055

237.1697,
252.2689, 271.7318

■ 11.4782, 12.4426,
13.1541

■ 40.5661, 43.5268,
46.4828

■ 6.4591, 7.0459,
7.4028

■ 56.1567, 60.1342,
64.3457

■ 3.1695, 3.4908,
3.6330

■ 75.3036, 80.5052,
86.2830

■ 1.2440, 1.3930,
1.4262

98.3722, 105.0243,
112.7130

■ 0.1407, 0.2116,
0.1621

125.7277,
134.0758, 144.0543

■ 0.0000, 0.0000,
0.0000

157.7356,

168.0442, 180.7255

194.7611,
207.3137, 223.1452

■ 18.5922, 20.0654,
21.3055

■ 18.5922, 20.0654,
21.3055

■ 16.5235, 19.0512,
18.8754

■ 20.9243, 21.2124,
23.9362

■ 14.7070, 18.1624,
16.6397

■ 23.5270, 22.4941,
26.7705

■ 13.1332, 17.3947,
14.5943

■ 26.4096, 23.9158,
29.8133

■ 11.7912, 16.7426,
12.7340

■ 29.5802, 25.4815,
33.0688

■ 10.6695, 16.2004,
11.0535

■ 33.0467, 27.1953,
36.5410

■ 9.7553, 15.7615,
9.5475

■ 36.8165, 29.0609,
40.2339

■ 9.0347, 15.4188,
8.2100

■ 40.8971, 31.0820,
44.1515

■ 8.4916, 15.1643,
7.0349

■ 45.2953, 33.2622,
48.2974

■ 8.1051, 14.9873,
6.0156

■ 50.0180, 35.6048,
52.6754

Harmonies

Analogous

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



18.7502, 20.0654, 20.7026



18.5922, 20.0654, 21.3055



18.5620, 20.0654, 22.0672

Triad

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



18.5922, 20.0654, 21.3055



19.1480, 20.0654, 23.3536



19.4815, 20.0654, 20.9352

Complementary

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



18.5922, 20.0654, 21.3055



18.7498, 19.2235, 21.4621

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.



19.5903, 20.0654, 21.6299



18.5922, 20.0654, 21.3055



19.3966, 20.0654, 23.0345

Square

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



18.5922, 20.0654, 21.3055



18.8812, 20.0654, 23.2618



19.5591, 20.0654, 22.3992



19.2631, 20.0654, 20.4923

Rectangle

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



18.5922, 20.0654, 21.3055



18.6182, 20.0654, 22.5646



19.5591, 20.0654, 22.3992



19.5322, 20.0654, 21.1464

Sweetspot

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



18.5928, 20.0663, 21.3059



34.4866, 36.5182, 39.5164



18.9048, 20.2413, 20.6802



7.8514, 8.3100, 8.9965



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.



18.5928, 20.0663, 21.3059



32.8557, 35.7171, 37.6470



18.7445, 20.1270, 22.1050



4.5329, 4.9388, 5.1937



8.2513, 15.5471, 5.6960



0.0000, 0.0000, 0.0000

Inverse Universe

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



18.7498, 19.2235, 21.4621



33.2129, 33.7995, 38.0023



18.6002, 19.1637, 20.6745



4.5856, 4.6557, 5.2462



10.1496, 5.0795, 7.3776



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 18.5922, 20.0654, 21.3055 looks on a white background.

Color Contrast Check

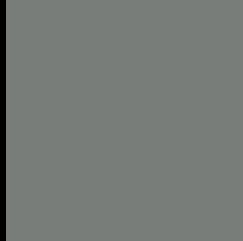
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.5922, 20.0654, 21.3055 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

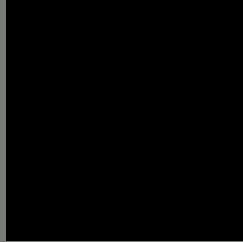
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

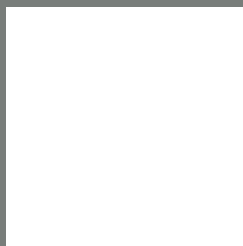
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.5922, 20.0654, 21.3055

Background



This preview shows how black text looks on a background with the XYZ color 18.5922, 20.0654, 21.3055.



This preview shows how white text looks on a background with the XYZ color 18.5922, 20.0654,

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

18.5922, 20.0654, 21.3055

Protanopia

19.1383, 19.9820, 20.9374

Deuteranopia

20.4450, 20.0972, 21.5405



Tritanopia

19.3426, 19.9969, 25.0306

Trichromacy



Original Color

18.5922, 20.0654, 21.3055

Protanomaly

18.9710, 20.0809, 20.9653

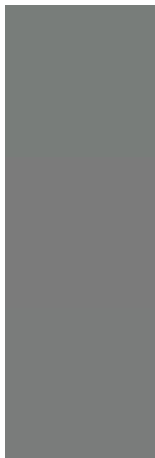
Deuteranomaly

19.7406, 20.0950, 21.5772

Tritanomaly

19.0553, 20.0652, 23.6375

Monochromacy



Original Color

18.5922, 20.0654, 21.3055

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

18.8088, 19.9829, 21.6047

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.5922, 20.0654, 21.3055 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(120, 125, 122)` looks like.

```
.text, #text, p{  
    color:rgb(120, 125, 122)  
}
```

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(120, 125, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 125, 122) }
```

Border

The CSS property to change the border of an element to XYZ 18.5922, 20.0654, 21.3055 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(120, 125, 122) }
```


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

```
.border{ border-color:rgb(120, 125, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 125, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 125, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 125, 122);  
box-shadow:4px 4px 4px 4px rgb(120, 125,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 18.5922, 20.0654, 21.3055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 125, 122) }
```

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

```
.background{ background-color: rgb(120,  
125, 122) }
```

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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