

Converting Colors

XYZ(18.9336, 20.9001, 22.5048)

Have a look what the booklet for
XYZ(18.9336, 20.9001, 22.5048)
contains.

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Color

**XYZ(19.0231, 21.0327,
22.4591)**

Conversions

Conversions Part 1

Format	Color
Hex	76817D
RGB	118, 129, 125
RGB Percent	46%, 51%, 49%
CMY	0.5373, 0.4941, 0.5098
CMYK	0.09, 0.00, 0.03, 0.49
HSL	158°, 4%, 48%
HSV	158°, 9%, 51%
XYZ	19.0231, 21.0327, 22.4591
YIQ	125.2550, -5.2720, -3.5760

Conversions

Conversions Part 2

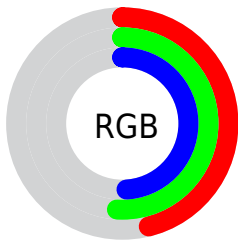
Format	Color
R_{YB}	118, 125, 129
Decimal	7766397
CIE Lab	52.99, -4.88, 0.77
CIE LCh	53, 4.939, 171.030
Yxy	21.0327, 0.3043, 0.3364
Android (android.graphics.Color)	4285956477 (0xFF76817D)
YUV	125.2550, -0.1257, -6.3626
Hunter-Lab	45.8614, -6.2165, 3.0677

Details

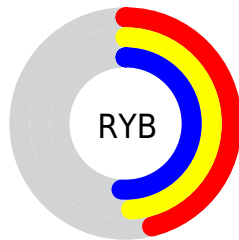
The XYZ color **19.0231, 21.0327, 22.4591** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.0453, 19.0296, 21.0826**, and the grayscale version is **19.5810, 20.6008, 22.4342**.

A 20% lighter version of the original color is **41.3414, 45.2163, 48.6682**, and **6.6990, 7.5612, 7.9439** is the 20% darker color. If you saturate the color by 10%, you get **17.0971, 20.0742, 20.8412**, and if you desaturate by 10%, it is **21.2041, 22.1222, 24.1638**.

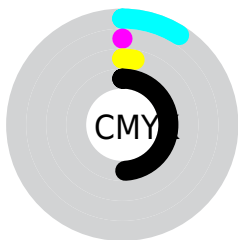
Distribution



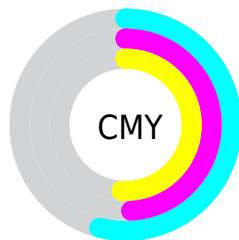
- Red (46%)
- Green (51%)
- Blue (49%)



- Red (46%)
- Yellow (49%)
- Blue (51%)



- Cyan (9%)
- Magenta (0%)
- Yellow (3%)
- Black (49%)



- Cyan (54%)
- Magenta (49%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.0231, 21.0327, 22.4591 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 19.0231, 21.0327, 22.4591 by changing the saturation by 10% instead.

■ 19.0231, 21.0327,
22.4591

■ 19.0231, 21.0327,
22.4591

239.5119,
257.4522, 277.9658

■ 11.7911, 13.1479,
13.9931

■ 41.2897, 45.1419,
48.4155

■ 6.6728, 7.5305,
7.9772

■ 57.0550, 62.1352,
66.7430

■ 3.3028, 3.7960,
3.9928

■ 76.3954, 82.9334,
89.1947

■ 1.3158, 1.5601,
1.6214

99.6763, 107.9209,
116.1892

■ 0.1950, 0.3305,
0.3060

127.2631,
137.4822, 148.1450

■ 0.0000, 0.0000,
0.0000

159.5210,

172.0015, 185.4807

196.8155,
211.8634, 228.6148

■ 19.0231, 21.0327,
22.4591

■ 19.0231, 21.0327,
22.4591

■ 17.0971, 20.0742,
20.8412

■ 21.2041, 22.1222,
24.1638

■ 15.4144, 19.2390,
19.3071

■ 23.6476, 23.3447,
25.9553

■ 13.9651, 18.5225,
17.8559

■ 26.3631, 24.7058,
27.8354

■ 12.7380, 17.9189,
16.4860

■ 29.3588, 26.2097,
29.8055

■ 11.7207, 17.4220,
15.1957

■ 32.6430, 27.8605,
31.8669

■ 10.8997, 17.0247,
13.9832

■ 36.2232, 29.6622,
34.0208

■ 10.2598, 16.7193,
12.8468

■ 40.1068, 31.6185,
36.2686

■ 9.7836, 16.4968,
11.7844

■ 44.3011, 33.7333,
38.6114

■ 9.4268, 16.3345,
10.7928

■ 48.8130, 36.0099,
41.0504

Harmonies

Analogous

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



19.2265, 21.0327, 21.1534



19.0231, 21.0327, 22.4591



19.0755, 21.0327, 23.9401

Triad

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



19.0231, 21.0327, 22.4591



20.3505, 21.0327, 25.6683



20.6240, 21.0327, 20.7540

Complementary

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



19.0231, 21.0327, 22.4591



19.0453, 19.0296, 21.0826

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.



20.9352, 21.0327, 21.8925



19.0231, 21.0327, 22.4591



20.7754, 21.0327, 24.7424

Square

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



19.0231, 21.0327, 22.4591



19.8360, 21.0327, 25.8360



20.9911, 21.0327, 23.3487



20.1467, 21.0327, 20.1972

Rectangle

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



19.0231, 21.0327, 22.4591



19.2489, 21.0327, 24.8252



20.9911, 21.0327, 23.3487



20.7518, 21.0327, 21.0790

Sweetspot

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



19.0237, 21.0336, 22.4596



36.1393, 38.6994, 41.8647



19.1517, 21.1494, 20.2126



8.1153, 8.7271, 9.4253



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.



19.0237, 21.0336, 22.4596



33.4454, 37.3555, 39.7130



19.0928, 20.7542, 23.7696



4.3821, 4.8612, 5.1833



9.1439, 15.9041, 10.3963



0.0000, 0.0000, 0.0000

Inverse Universe

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



19.0453, 19.0296, 21.0826



33.4913, 33.0972, 36.7871



18.9764, 19.2806, 19.8612



4.3874, 4.3681, 4.8446



9.3277, 4.7508, 3.0494



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 19.0231, 21.0327, 22.4591 looks on a white background.

Color Contrast Check

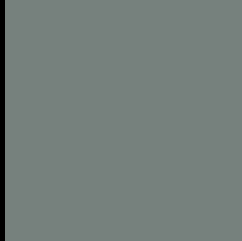
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.0231, 21.0327, 22.4591 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

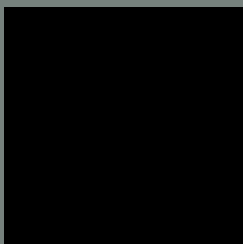
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

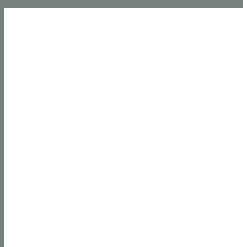
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.0231, 21.0327, 22.4591

Background



This preview shows how black text looks on a background with the XYZ color 19.0231, 21.0327, 22.4591.



This preview shows how white text looks on a background with the XYZ color 19.0231, 21.0327,

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

19.0231, 21.0327, 22.4591

Protanopia

20.0893, 21.0189, 21.7371

Deuteranopia

21.2067, 20.8287, 22.6413



Tritanopia

19.8505, 20.9780, 26.6698

Trichromacy



Original Color

19.0231, 21.0327, 22.4591

Protanomaly

19.6849, 20.9940, 22.0835

Deuteranomaly

20.4596, 20.9989, 22.7135

Tritanomaly

19.5606, 21.0537, 25.2231

Monochromacy



Original Color

19.0231, 21.0327, 22.4591

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

19.1886, 20.5400, 22.3553

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.0231, 21.0327, 22.4591 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(118, 129, 125)` looks like.

```
.text, #text, p{  
    color:rgb(118, 129, 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(118, 129, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 129, 125) }
```

Border

The CSS property to change the border of an element to XYZ 19.0231, 21.0327, 22.4591 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(118, 129, 125) }
```


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

```
.border{ border-color:rgb(118, 129, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 129, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 129, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 129, 125);  
box-shadow:4px 4px 4px 4px rgb(118, 129,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 19.0231, 21.0327, 22.4591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 129, 125) }
```

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

```
.background{ background-color: rgb(118,  
129, 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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