

Converting Colors

XYZ(19.2776, 20.8917, 21.5590)

Have a look what the booklet for
XYZ(19.2776, 20.8917, 21.5590)
contains.

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Color

**XYZ(19.2581, 20.9811,
21.4471)**

Conversions

Conversions Part 1

Format	Color
Hex	7A807A
RGB	122, 128, 122
RGB Percent	48%, 50%, 48%
CMY	0.5216, 0.4980, 0.5216
CMYK	0.05, 0.00, 0.05, 0.50
HSL	120°, 2%, 49%
HSV	120°, 5%, 50%
XYZ	19.2581, 20.9811, 21.4471
YIQ	125.5220, -1.6500, -3.1380

Conversions

Conversions Part 2

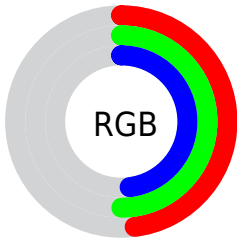
Format	Color
R_{YB}	122, 128, 128
Decimal	8028282
CIE _{Lab}	52.93, -3.44, 2.47
CIE _{LCh}	53, 4.234, 144.231
Yxy	20.9811, 0.3122, 0.3401
Android (android.graphics.Color)	4286218362 (0xFF7A807A)
YUV	125.5220, -1.7363, -3.0888
Hunter-Lab	45.8051, -5.1113, 4.3025

Details

The XYZ color **19.2581, 20.9811, 21.4471** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.7587, 20.0673, 23.2552**, and the grayscale version is **19.6757, 20.7004, 22.5427**.

A 20% lighter version of the original color is **41.6194, 45.1024, 46.5565**, and **6.7462, 7.4895, 7.3934** is the 20% darker color. If you saturate the color by 10%, you get **16.8221, 19.8116, 17.4621**, and if you desaturate by 10%, it is **22.0385, 22.3173, 25.9945**.

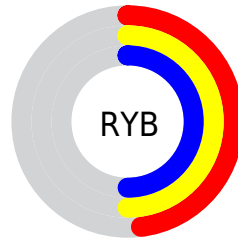
Distribution



Red (48%)

Green (50%)

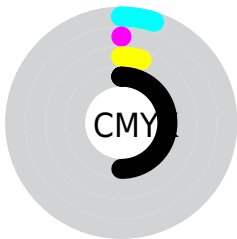
Blue (48%)



Red (48%)

Yellow (50%)

Blue (50%)

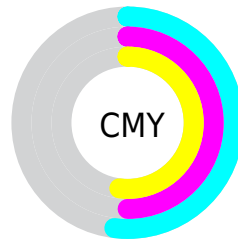


Cyan (5%)

Magenta (0%)

Yellow (5%)

Black (50%)



Cyan (52%)

Magenta (50%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.2581, 20.9811, 21.4471 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 19.2581, 20.9811, 21.4471 by changing the saturation by 10% instead.

■ 19.2581, 20.9811,
21.4471

■ 19.2581, 20.9811,
21.4471

240.7808,
257.1780, 272.5038

■ 11.9620, 13.1102,
13.2568

■ 41.6833, 45.0561,
46.7209

■ 6.7898, 7.5045,
7.4728

■ 57.5431, 62.0289,
64.6414

■ 3.3762, 3.7795,
3.6766

■ 76.9882, 82.8046,
86.6424

■ 1.3557, 1.5510,
1.4497

100.3840,
107.7673, 113.1425

■ 0.2243, 0.3242,
0.1800

128.0958,
137.3017, 144.5601

■ 0.0000, 0.0000,
0.0000

160.4890,

171.7920, 181.3138

197.9288,
211.6226, 223.8222

■ 19.2581, 20.9811,
21.4471

■ 19.2581, 20.9811,
21.4471

■ 16.8221, 19.8116,
17.4621

■ 22.0385, 22.3173,
25.9945

■ 14.7155, 18.7997,
14.0163

■ 25.1742, 23.8235,
31.1235

■ 12.9247, 17.9395,
11.0871

■ 28.6776, 25.5064,
36.8541

■ 11.4344, 17.2236,
8.6494

■ 32.5603, 27.3714,
43.2050

■ 10.2282, 16.6442,
6.6765

■ 36.8330, 29.4239,
50.1939

■ 9.2881, 16.1926,
5.1387

■ 41.5063, 31.6687,
57.8380

■ 8.5939, 15.8592,
4.0033

■ 46.5903, 34.1107,
66.1537

■ 8.1227, 15.6328,
3.2326

■ 52.0945, 36.7547,
75.1570

■ 7.8419, 15.4980,
2.7733

■ 58.0284, 39.6051,
84.8631

Harmonies

Analogous

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



19.5940, 20.9811, 20.6898



19.2581, 20.9811, 21.4471



19.1056, 20.9811, 22.6003

Triad

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



19.2581, 20.9811, 21.4471



19.8563, 20.9811, 25.3614



20.7295, 20.9811, 21.8573

Complementary

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



19.2581, 20.9811, 21.4471



19.7587, 20.0673, 23.2552

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.



20.8023, 20.9811, 23.0912



19.2581, 20.9811, 21.4471



20.2939, 20.9811, 25.1446

Square

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



19.2581, 20.9811, 21.4471



19.4477, 20.9811, 24.8839



20.6417, 20.9811, 24.3020



20.4444, 20.9811, 20.9204

Rectangle

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



19.2581, 20.9811, 21.4471



19.1268, 20.9811, 23.4504



20.6417, 20.9811, 24.3020



20.7798, 20.9811, 22.2498

Sweetspot

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



19.2587, 20.9820, 21.4476



35.6290, 37.7677, 40.5778



20.1220, 21.4077, 21.4842



8.3498, 8.8463, 9.5136



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.



19.2587, 20.9820, 21.4476



33.2477, 36.6238, 36.6827



19.4412, 21.0550, 22.4086



4.4369, 4.8960, 4.8881



7.6541, 15.3082, 2.5514



0.0000, 0.0000, 0.0000

Inverse Universe

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



19.7587, 20.0673, 23.2552



34.3893, 34.5355, 40.8098



19.5704, 19.9920, 22.2636



4.5952, 4.6065, 5.4602



12.6904, 6.0958, 20.7577



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 19.2581, 20.9811, 21.4471 looks on a white background.

Color Contrast Check

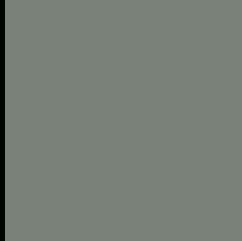
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.2581, 20.9811, 21.4471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

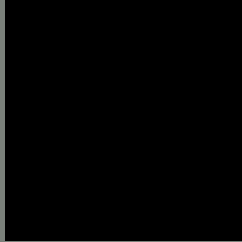
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 19.2581, 20.9811, 21.4471

Background



This preview shows how black text looks on a background with the XYZ color 19.2581, 20.9811, 21.4471.



This preview shows how white text looks on a background with the XYZ color 19.2581, 20.9811,

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

19.2581, 20.9811, 21.4471

Protanopia

20.1180, 21.0480, 21.0915

Deuteranopia

21.3499, 20.9246, 21.6525



Tritanopia

20.2170, 20.9844, 26.2774

Trichromacy



Original Color

19.2581, 20.9811, 21.4471

Protanomaly

19.7930, 21.0712, 21.1131

Deuteranomaly

20.4557, 20.8319, 21.6817

Tritanomaly

19.8545, 21.0284, 24.4852

Monochromacy



Original Color

19.2581, 20.9811, 21.4471

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

19.7485, 21.0194, 22.4183

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.2581, 20.9811, 21.4471 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(122, 128, 122)` looks like.

```
.text, #text, p{  
    color:rgb(122, 128, 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(122, 128, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 128, 122) }
```

Border

The CSS property to change the border of an element to XYZ 19.2581, 20.9811, 21.4471 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(122, 128, 122) }
```


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

```
.border{ border-color:rgb(122, 128, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 128, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 128, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 128, 122);  
box-shadow:4px 4px 4px 4px rgb(122, 128,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 19.2581, 20.9811, 21.4471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 128, 122) }
```

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

```
.background{ background-color: rgb(122,  
128, 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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