

Converting Colors

XYZ(19.5823, 21.0579, 21.1619)

Have a look what the booklet for
XYZ(19.5823, 21.0579, 21.1619)
contains.

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Color

**XYZ(19.6278, 21.1788,
21.1426)**

Conversions

Conversions Part 1

Format	Color
Hex	7D8079
RGB	125, 128, 121
RGB Percent	49%, 50%, 47%
CMY	0.5098, 0.4980, 0.5255
CMYK	0.02, 0.00, 0.05, 0.50
HSL	86°, 3%, 49%
HSV	86°, 5%, 50%
XYZ	19.6278, 21.1788, 21.1426
YIQ	126.3050, 0.4590, -2.8130

Conversions

Conversions Part 2

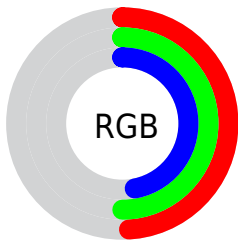
Format	Color
RYB	121, 128, 124
Decimal	8224889
CIELab	53.14, -2.50, 3.40
CIElCh	53, 4.220, 126.307
Yxy	21.1788, 0.3168, 0.3419
Android (android.graphics.Color)	4286414969 (0xFF7D8079)
YUV	126.3050, -2.6154, -1.1445
Hunter-Lab	46.0204, -4.4052, 4.9754

Details

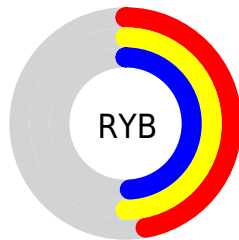
The XYZ color **19.6278, 21.1788, 21.1426** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.0467, 19.5190, 23.1869**, and the grayscale version is **19.9440, 20.9827, 22.8501**.

A 20% lighter version of the original color is **42.4268, 45.5299, 46.0872**, and **6.9791, 7.6095, 7.4043** is the 20% darker color. If you saturate the color by 10%, you get **18.1152, 20.4844, 17.2425**, and if you desaturate by 10%, it is **21.2900, 21.9395, 25.5943**.

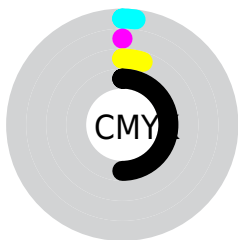
Distribution



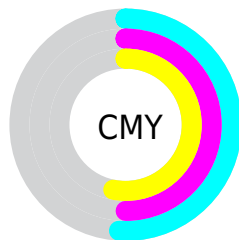
- Red (49%)
- Green (50%)
- Blue (47%)



- Red (47%)
- Yellow (50%)
- Blue (49%)



- Cyan (2%)
- Magenta (0%)
- Yellow (5%)
- Black (50%)



- Cyan (51%)
- Magenta (50%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.6278, 21.1788, 21.1426 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 19.6278, 21.1788, 21.1426 by changing the saturation by 10% instead.

■ 19.6278, 21.1788,
21.1426

■ 19.6278, 21.1788,
21.1426

242.7651,
258.2272, 270.8413

■ 12.2315, 13.2548,
13.0360

■ 42.3010, 45.3849,
46.2086

■ 6.9748, 7.6042,
7.3223

■ 58.3086, 62.4358,
64.0051

■ 3.4926, 3.8428,
3.5830

■ 77.9173, 83.2977,
85.8687

■ 1.4193, 1.5860,
1.3995

101.4925,
108.3551, 112.2178

■ 0.2699, 0.3481,
0.1413

129.3995,
137.9924, 143.4711

■ 0.0000, 0.0000,
0.0000

162.0037,

172.5939, 180.0471

199.6705,
212.5440, 222.3643

■ 19.6278, 21.1788,
21.1426

■ 19.6278, 21.1788,
21.1426

■ 18.1152, 20.4844,
17.2425

■ 21.2900, 21.9395,
25.5943

■ 16.7458, 19.8517,
13.8713

■ 23.1047, 22.7657,
30.6166

■ 15.5150, 19.2793,
11.0064

■ 25.0767, 23.6602,
36.2293

■ 14.4175, 18.7651,
8.6234

■ 27.2102, 24.6245,
42.4506

■ 13.4473, 18.3066,
6.6956

■ 29.5092, 25.6605,
49.2981

■ 12.5983, 17.9013,
5.1938

■ 31.9775, 26.7697,
56.7887

■ 11.8634, 17.5462,
4.0855

■ 34.6188, 27.9537,
64.9386

■ 11.2347, 17.2381,
3.3334

■ 37.4367, 29.2140,
73.7634

■ 10.7002, 16.9721,
2.8785

■ 40.4346, 30.5520,
83.2783

Harmonies

Analogous

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



20.0360, 21.1788, 20.7109



19.6278, 21.1788, 21.1426



19.3570, 21.1788, 22.0901

Triad

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



19.6278, 21.1788, 21.1426



19.7882, 21.1788, 25.3758



20.9916, 21.1788, 22.7922

Complementary

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



19.6278, 21.1788, 21.1426



19.0467, 19.5190, 23.1869

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.



20.9229, 21.1788, 24.0581



19.6278, 21.1788, 21.1426



20.2239, 21.1788, 25.5806

Square

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



19.6278, 21.1788, 21.1426



19.4486, 21.1788, 24.5406



20.6403, 21.1788, 25.0902



20.8267, 21.1788, 21.6404

Rectangle

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



19.6278, 21.1788, 21.1426



19.2886, 21.1788, 22.9027



20.6403, 21.1788, 25.0902



20.9951, 21.1788, 23.2182

Sweetspot

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



19.6284, 21.1797, 21.1431



35.5289, 37.7333, 39.7962



19.5513, 20.3649, 20.9898



8.3280, 8.8388, 9.3433



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.



19.6284, 21.1797, 21.1431



34.0884, 37.0733, 35.9955



19.1382, 20.9270, 21.1201



4.5590, 4.9609, 4.8075



10.3887, 16.7179, 2.6793



0.0000, 0.0000, 0.0000

Inverse Universe

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



19.0467, 19.5190, 23.1869



32.7624, 33.2874, 40.6546



19.5490, 19.7779, 23.2104



4.3788, 4.4463, 5.4407



5.4212, 2.3484, 20.4175



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 19.6278, 21.1788, 21.1426 looks on a white background.

Color Contrast Check

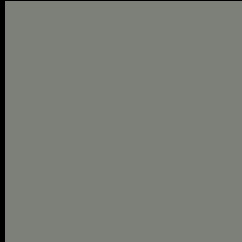
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.6278, 21.1788, 21.1426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

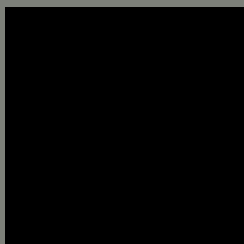
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 19.6278, 21.1788, 21.1426

Background



This preview shows how black text looks on a background with the XYZ color 19.6278, 21.1788, 21.1426.

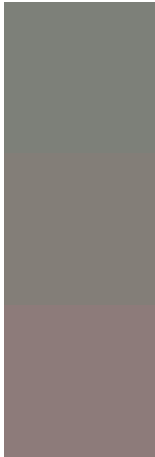


This preview shows how white text looks on a background with the XYZ color 19.6278, 21.1788,

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

19.6278, 21.1788, 21.1426

Protanopia

20.2111, 21.1031, 20.7774

Deuteranopia

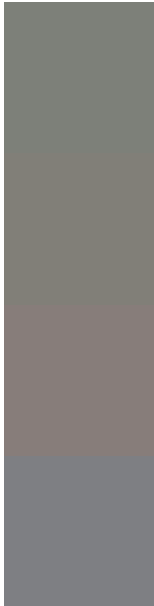
21.5803, 21.2338, 21.3735



Tritanopia

20.6572, 21.2113, 26.2980

Trichromacy



Original Color

19.6278, 21.1788, 21.1426

Protanomaly

20.0328, 21.2019, 20.8058

Deuteranomaly

20.8381, 21.2233, 21.4106

Tritanomaly

20.2903, 21.2531, 24.5056

Monochromacy



Original Color

19.6278, 21.1788, 21.1426

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

19.8316, 21.0696, 22.0904

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.6278, 21.1788, 21.1426 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(125, 128, 121)` looks like.

```
.text, #text, p{  
    color:rgb(125, 128, 121)  
}
```

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(125, 128, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 128, 121) }
```

Border

The CSS property to change the border of an element to XYZ 19.6278, 21.1788, 21.1426 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(125, 128, 121) }
```


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

```
.border{ border-color:rgb(125, 128, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 128, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 128, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 128, 121);  
box-shadow:4px 4px 4px 4px rgb(125, 128,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 19.6278, 21.1788, 21.1426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 128, 121) }
```

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

```
.background{ background-color: rgb(125,  
128, 121) }
```

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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