

Converting Colors

XYZ(18.5865, 19.1246, 22.1138)

Have a look what the booklet for
XYZ(18.5865, 19.1246, 22.1138)
contains.

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Color

**XYZ(18.5865, 19.1246,
22.1138)**

Conversions

Conversions Part 1

Format	Color
Hex	7B787D
RGB	123, 120, 125
RGB Percent	48%, 47%, 49%
CMY	0.5176, 0.5294, 0.5098
CMYK	0.02, 0.04, 0.00, 0.51
HSL	276°, 2%, 48%
HSV	276°, 4%, 49%
XYZ	18.5865, 19.1246, 22.1138
YIQ	121.4670, 0.1830, 2.1910

Conversions

Conversions Part 2

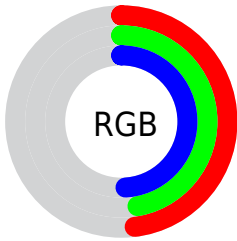
Format	Color
R_{YB}	123, 120, 125
Decimal	8091773
CIE Lab	50.83, 2.15, -2.33
CIE LCh	51, 3.169, 312.605
Yxy	19.1246, 0.3107, 0.3197
Android (android.graphics.Color)	4286281853 (0xFF7B787D)
YUV	121.4670, 1.7418, 1.3444
Hunter-Lab	43.7317, -0.6658, 0.6310

Details

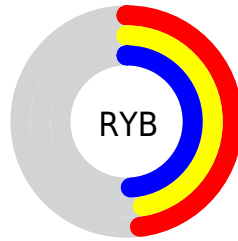
The XYZ color **18.5865, 19.1246, 22.1138** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.7506, 20.1614, 20.6736**, and the grayscale version is **18.3201, 19.2742, 20.9896**.

A 20% lighter version of the original color is **40.4676, 41.8334, 48.0613**, and **6.4459, 6.6124, 7.7741** is the 20% darker color. If you saturate the color by 10%, you get **16.4829, 15.9527, 21.6127**, and if you desaturate by 10%, it is **20.9240, 22.7095, 22.6829**.

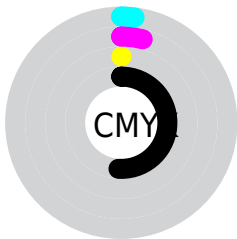
Distribution



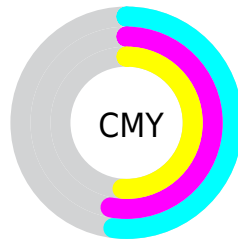
- Red (48%)
- Green (47%)
- Blue (49%)



- Red (48%)
- Yellow (47%)
- Blue (49%)



- Cyan (2%)
- Magenta (4%)
- Yellow (0%)
- Black (51%)



- Cyan (52%)
- Magenta (53%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.5865, 19.1246, 22.1138 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 18.5865, 19.1246, 22.1138 by changing the saturation by 10% instead.

■ 18.5865, 19.1246,
22.1138

■ 18.5865, 19.1246,
22.1138

237.1386,
247.1358, 276.1129

■ 11.4741, 11.7603,
13.7414

■ 40.5565, 41.9445,
47.8386

■ 6.4563, 6.5807,
7.8044

■ 56.1448, 58.1690,
66.0281

■ 3.1678, 3.2013,
3.8840

■ 75.2892, 78.1157,
88.3271

■ 1.2431, 1.2377,
1.5619

98.3549, 102.1689,
115.1541

■ 0.1400, 0.0922,
0.2634

125.7073,
130.7132, 146.9276

■ 0.0000, 0.0000,
0.0000

157.7118,

164.1328, 184.0662

194.7338,
202.8122, 226.9885

■ 18.5865, 19.1246,
22.1138

■ 18.5865, 19.1246,
22.1138

■ 16.4829, 15.9527,
21.6127

■ 20.9240, 22.7095,
22.6829

■ 14.6036, 13.1760,
21.1758

■ 23.5015, 26.7196,
23.3210

■ 12.9404, 10.7791,
20.8008

■ 26.3269, 31.1695,
24.0310

■ 11.4843, 8.7443,
20.4848

■ 29.4070, 36.0722,
24.8150

■ 10.2253, 7.0528,
20.2247

■ 32.7485, 41.4406,
25.6751

9.1527, 5.6839,
20.0170

36.3580, 47.2867,
26.6133

8.2545, 4.6147,
19.8580

40.2416, 53.6221,
27.6314

7.5172, 3.8190,
19.7432

44.4052, 60.4582,
28.7315

6.9229, 3.2622,
19.6671

48.8547, 67.8059,
29.9152

Harmonies

Analogous

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



18.3086, 19.1246, 22.5455



18.5865, 19.1246, 22.1138



18.7559, 19.1246, 21.3413

Triad

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



18.5865, 19.1246, 22.1138



18.3573, 19.1246, 19.2266



17.5982, 19.1246, 21.2006

Complementary

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



18.5865, 19.1246, 22.1138



18.7506, 20.1614, 20.6736

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.



17.6109, 19.1246, 20.3140



18.5865, 19.1246, 22.1138



18.0468, 19.1246, 19.1913

Square

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



18.5865, 19.1246, 22.1138



18.6225, 19.1246, 19.6819



17.7743, 19.1246, 19.5843



17.7394, 19.1246, 22.0083

Rectangle

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



18.5865, 19.1246, 22.1138



18.7833, 19.1246, 20.7454



17.7743, 19.1246, 19.5843



17.5846, 19.1246, 20.9016

Sweetspot

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



18.5870, 19.1254, 22.1142



34.4848, 36.0790, 39.8908



18.4180, 19.4141, 22.1788



7.8510, 8.2174, 9.0754



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.



18.5870, 19.1254, 22.1142



32.8408, 33.5743, 39.4940



18.8496, 19.2638, 21.9879



4.5306, 4.6224, 5.4667



6.8814, 3.1012, 20.4858



0.0000, 0.0000, 0.0000

Inverse Universe

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



18.6875, 19.1990, 21.1343



33.0712, 33.7428, 37.2560



18.4956, 20.0270, 20.7939



4.5647, 4.6473, 5.1360



9.4253, 4.7898, 3.5632



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 18.5865, 19.1246, 22.1138 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 18.5865, 19.1246, 22.1138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

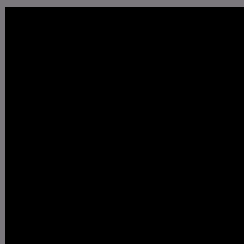
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

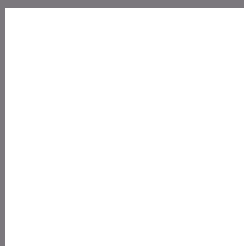
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.5865, 19.1246, 22.1138

Background



This preview shows how black text looks on a background with the XYZ color 18.5865, 19.1246, 22.1138.



This preview shows how white text looks on a background with the XYZ color 18.5865, 19.1246,

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

18.5865, 19.1246, 22.1138

Protanopia

18.4442, 19.0512, 22.1072

Deuteranopia

19.4873, 19.0542, 22.3894



Tritanopia

18.8715, 19.0637, 23.4539

Trichromacy

**Original Color**

18.5865, 19.1246, 22.1138

Protanomaly

18.4442, 19.0512, 22.1072

Deuteranomaly

19.1464, 19.0524, 22.4070

Tritanomaly

18.8053, 19.0373, 23.1055

Monochromacy

**Original Color**

18.5865, 19.1246, 22.1138

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

18.3763, 19.2175, 21.1532

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.5865, 19.1246, 22.1138 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(123, 120, 125)` looks like.

```
.text, #text, p{  
    color:rgb(123, 120, 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(123, 120, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 120, 125) }
```

Border

The CSS property to change the border of an element to XYZ 18.5865, 19.1246, 22.1138 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(123, 120, 125) }
```


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

```
.border{ border-color:rgb(123, 120, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 120, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(123, 120, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(123, 120, 125); box-shadow:4px 4px 4px 4px rgb(123, 120, 125) }
```

Background

The CSS property to change the background color of an element to XYZ 18.5865, 19.1246, 22.1138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 120, 125) }
```

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

```
.background{ background-color: rgb(123,  
120, 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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