

Converting Colors

XYZ(18.1326, 18.7467, 21.1567)

Have a look what the booklet for
XYZ(18.1326, 18.7467, 21.1567)
contains.

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Color

**XYZ(18.1357, 18.7364,
21.0730)**

Conversions

Conversions Part 1

Format	Color
Hex	7A777A
RGB	122, 119, 122
RGB Percent	48%, 47%, 48%
CMY	0.5216, 0.5333, 0.5216
CMYK	0.00, 0.02, 0.00, 0.52
HSL	300°, 1%, 47%
HSV	300°, 2%, 48%
XYZ	18.1357, 18.7364, 21.0730
YIQ	120.2390, 0.8250, 1.5690

Conversions

Conversions Part 2

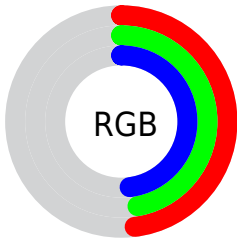
Format	Color
R_{YB}	122, 119, 122
Decimal	8025978
CIE Lab	50.38, 1.74, -1.24
CIE LCh	50, 2.140, 324.483
Yxy	18.7364, 0.3130, 0.3233
Android (android.graphics.Color)	4286216058 (0xFF7A777A)
YUV	120.2390, 0.8682, 1.5444
Hunter-Lab	43.2856, -0.9622, 1.4353

Details

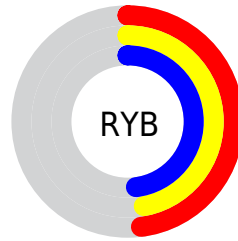
The XYZ color **18.1357, 18.7364, 21.0730** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.8979, 19.1735, 20.2113**, and the grayscale version is **17.9267, 18.8603, 20.5388**.

A 20% lighter version of the original color is **39.6585, 41.1805, 45.9028**, and **6.2035, 6.4040, 7.2125** is the 20% darker color. If you saturate the color by 10%, you get **16.7760, 16.0171, 20.6201**, and if you desaturate by 10%, it is **19.6829, 21.8302, 21.5889**.

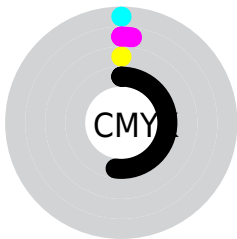
Distribution



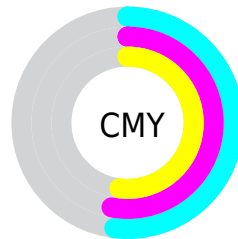
- Red (48%)
- Green (47%)
- Blue (48%)



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



- Cyan (0%)
- Magenta (2%)
- Yellow (0%)
- Black (52%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.1357, 18.7364, 21.0730 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 18.1357, 18.7364, 21.0730 by changing the saturation by 10% instead.

■ 18.1357, 18.7364,
21.0730

■ 18.1357, 18.7364,
21.0730

234.6656,
244.9897, 270.4600

■ 11.1477, 11.4800,
12.9856

■ 39.7967, 41.2882,
46.0914

■ 6.2343, 6.3906,
7.2880

■ 55.2004, 57.3524,
63.8594

■ 3.0301, 3.0840,
3.5617

■ 74.1401, 77.1212,
85.6914

■ 1.1697, 1.1758,
1.3881

96.9812, 100.9791,
112.0060

■ 0.0822, 0.0418,
0.1324

124.0889,
129.3106, 143.2215

■ 0.0000, 0.0000,
0.0000

155.8286,

162.4998, 179.7567

192.5657,
200.9314, 222.0300

■ 18.1357, 18.7364,
21.0730

■ 18.1357, 18.7364,
21.0730

■ 16.7760, 16.0171,
20.6201

■ 19.6829, 21.8302,
21.5889

■ 15.5951, 13.6556,
20.2265

■ 21.4226, 25.3093,
22.1687

■ 14.5861, 11.6380,
19.8902

■ 23.3618, 29.1872,
22.8150

■ 13.7410, 9.9481,
19.6086

■ 25.5063, 33.4761,
23.5298

■ 13.0511, 8.5686,
19.3787

■ 27.8622, 38.1874,
24.3151

■ 12.5070, 7.4807,
19.1974

■ 30.4348, 43.3323,
25.1725

■ 12.0982, 6.6634,
19.0612

■ 33.2296, 48.9216,
26.1041

■ 11.8128, 6.0931,
18.9661

■ 36.2518, 54.9655,
27.1114

■ 11.6368, 5.7415,
18.9075

■ 39.5062, 61.4741,
28.1961

Harmonies

Analogous

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



17.9745, 18.7364, 21.4603



18.1357, 18.7364, 21.0730



18.2092, 18.7364, 20.5110

Triad

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



18.1357, 18.7364, 21.0730



17.8468, 18.7364, 19.2824



17.4471, 18.7364, 20.8788

Complementary

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



18.1357, 18.7364, 21.0730



17.8979, 19.1735, 20.2113

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.



17.4135, 18.7364, 20.2909



18.1357, 18.7364, 21.0730



17.6433, 18.7364, 19.3766

Square

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



18.1357, 18.7364, 21.0730



18.0416, 18.7364, 19.4831



17.4850, 18.7364, 19.7430



17.5772, 18.7364, 21.3467

Rectangle

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



18.1357, 18.7364, 21.0730



18.1982, 18.7364, 20.1158



17.4850, 18.7364, 19.7430



17.4242, 18.7364, 20.6884

Sweetspot

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



18.1362, 18.7372, 21.0734



32.2761, 33.7028, 37.1971



17.7243, 18.5337, 21.0558



7.3846, 7.7154, 8.5067



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



18.1362, 18.7372, 21.0734



31.7500, 32.6508, 37.0217



18.0472, 18.7016, 20.6040



4.3357, 4.4400, 5.0717



12.1462, 5.8344, 19.8713



57.9380, 27.8301, 94.7879

Inverse Universe

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



17.9534, 18.6641, 20.1102



31.3493, 32.4905, 34.9111



17.9855, 19.2085, 20.6732



4.2711, 4.4142, 4.7310



8.4502, 4.3562, 0.3959



40.3082, 20.7796, 1.8874

Previews

White Background



This preview shows how the XYZ color 18.1357, 18.7364, 21.0730 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 18.1357, 18.7364, 21.0730 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

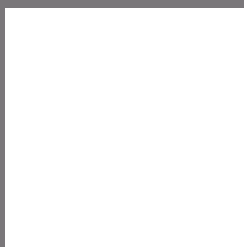
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.1357, 18.7364, 21.0730

Background



This preview shows how black text looks on a background with the XYZ color 18.1357, 18.7364, 21.0730.



This preview shows how white text looks on a background with the XYZ color 18.1357, 18.7364,

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

18.1357, 18.7364, 21.0730

Protanopia

17.9948, 18.6637, 21.0664

Deuteranopia

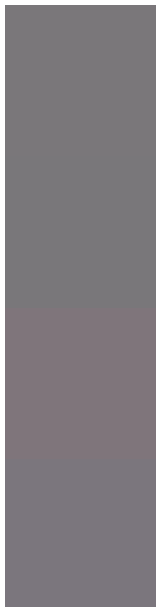
19.0265, 18.6667, 21.3391



Tritanopia

18.4776, 18.7001, 22.7143

Trichromacy



Original Color

18.1357, 18.7364, 21.0730

Protanomaly

17.9948, 18.6637, 21.0664

Deuteranomaly

18.6888, 18.6647, 21.3565

Tritanomaly

18.3485, 18.6485, 22.0345

Monochromacy



Original Color

18.1357, 18.7364, 21.0730

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

18.0528, 18.8784, 20.7816

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.1357, 18.7364, 21.0730 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, 119, 122)` looks like.

```
.text, #text, p{  
    color:rgb(122, 119, 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, 119, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 119, 122) }
```

Border

The CSS property to change the border of an element to XYZ 18.1357, 18.7364, 21.0730 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, 119, 122) }
```


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

```
.border{ border-color:rgb(122, 119, 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, 119, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 119, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 119, 122);  
box-shadow:4px 4px 4px 4px rgb(122, 119,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 18.1357, 18.7364, 21.0730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 119, 122) }
```

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

```
.background{ background-color: rgb(122,  
119, 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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